

Program EVALPLOT
(Version 2021-1)

by

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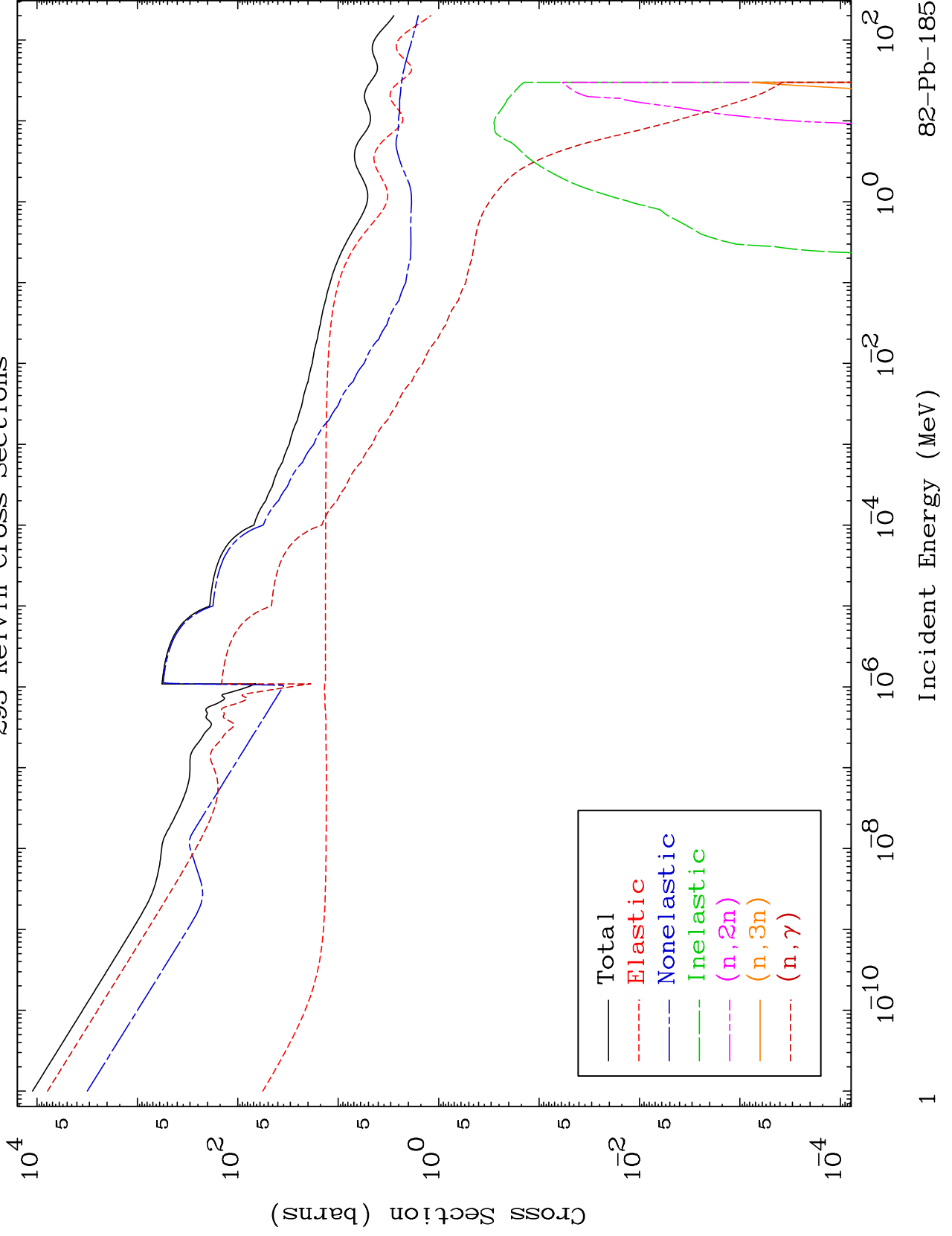
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Press Mouse Button to Start

MAT 8168

Neutron Major
293 Kelvin Cross Sections

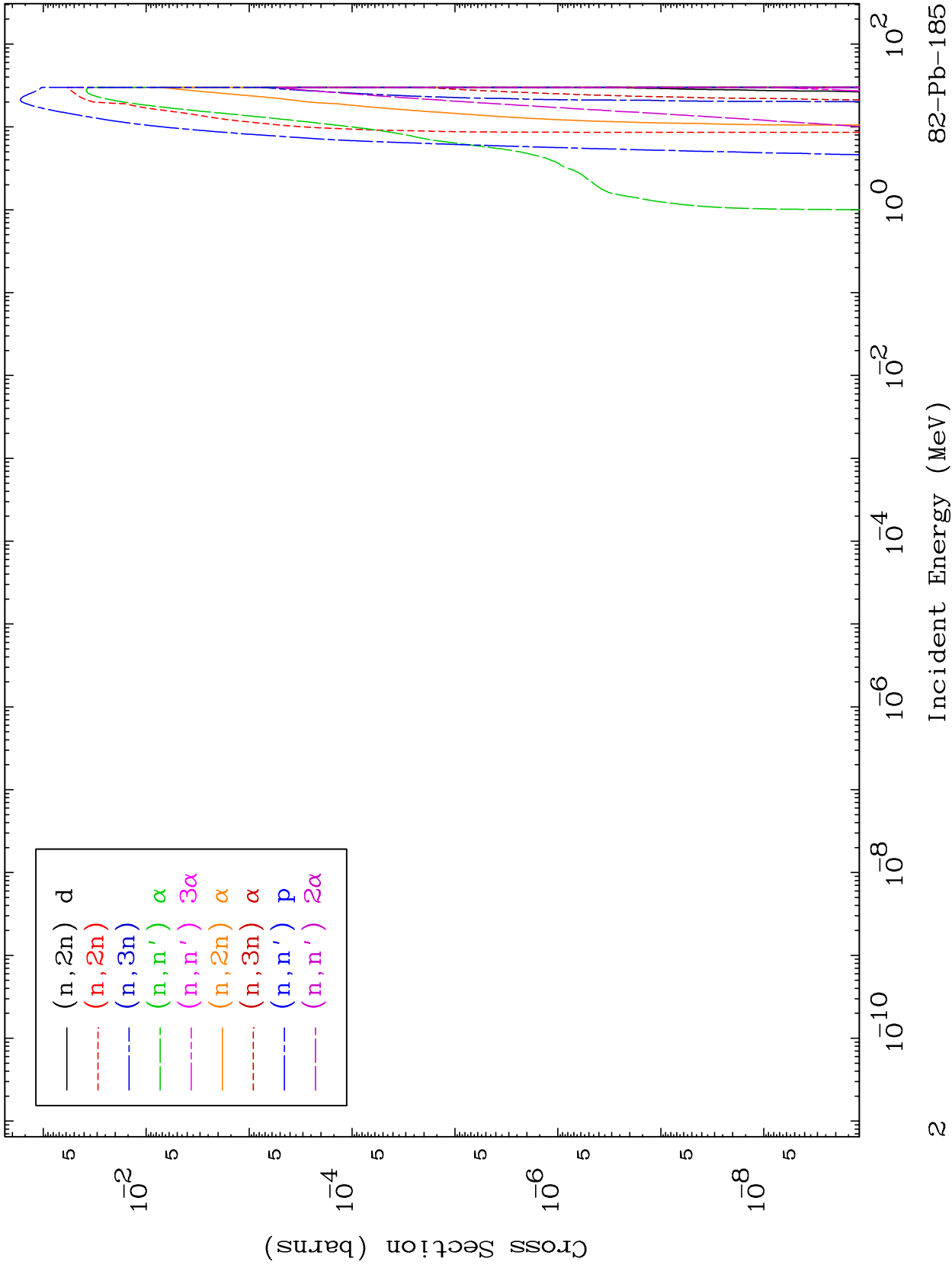
82-Pb-185



MAT 8168

Neutron Absorption
293 Kelvin Cross Sections

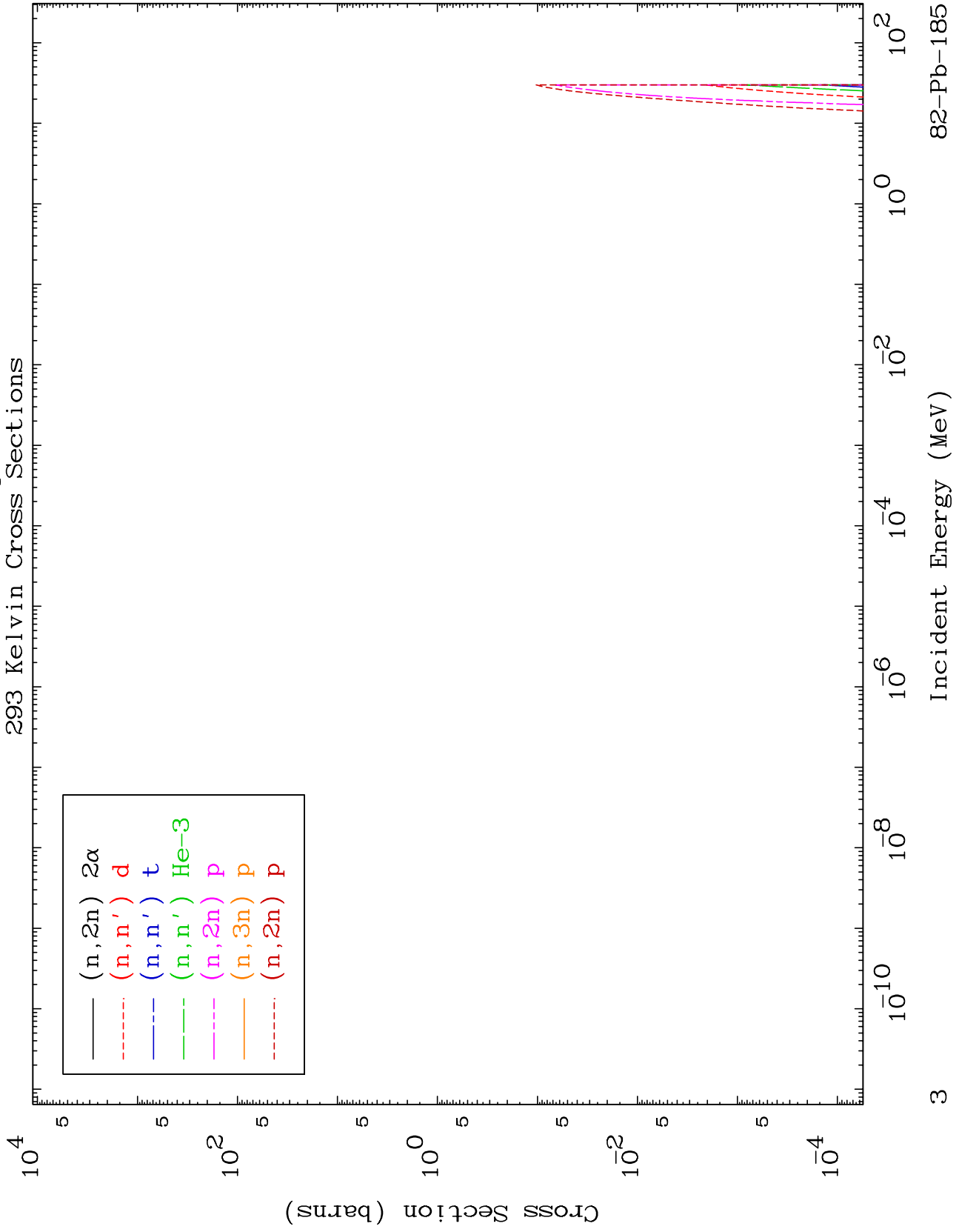
82-Pb-185



MAT 8168

Neutron Absorption
293 Kelvin Cross Sections

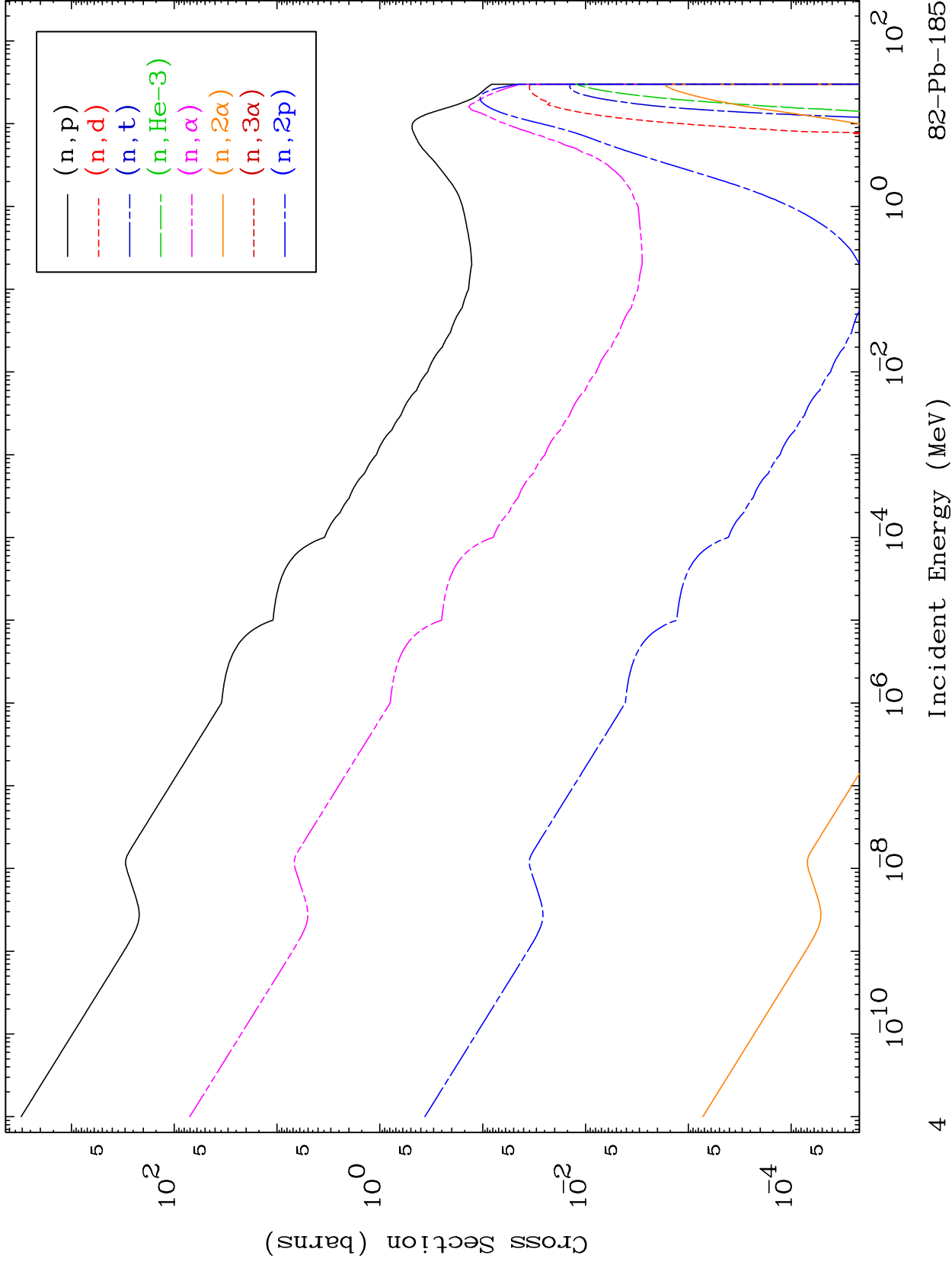
82-Pb-185

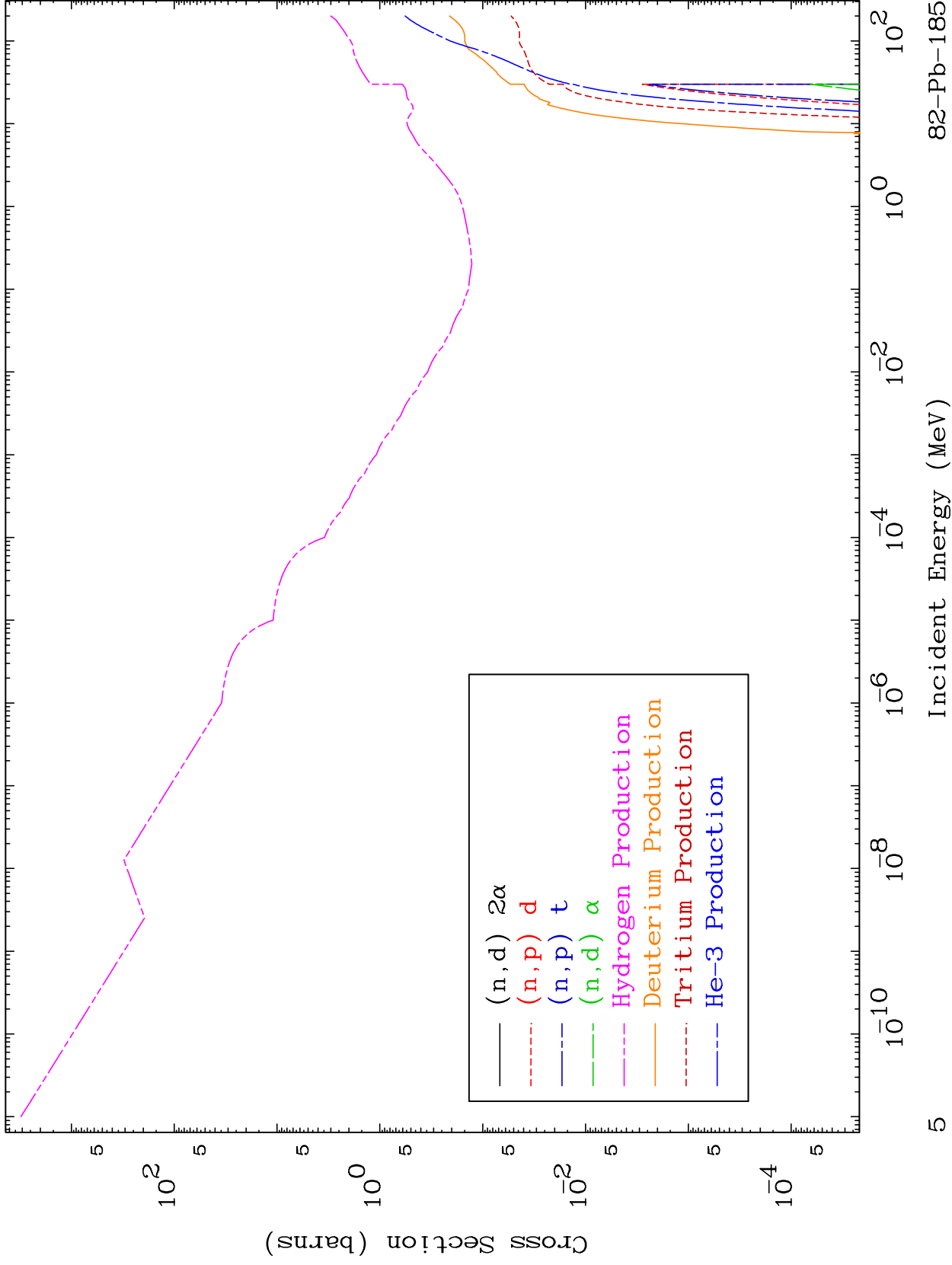


MAT 8168

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-185

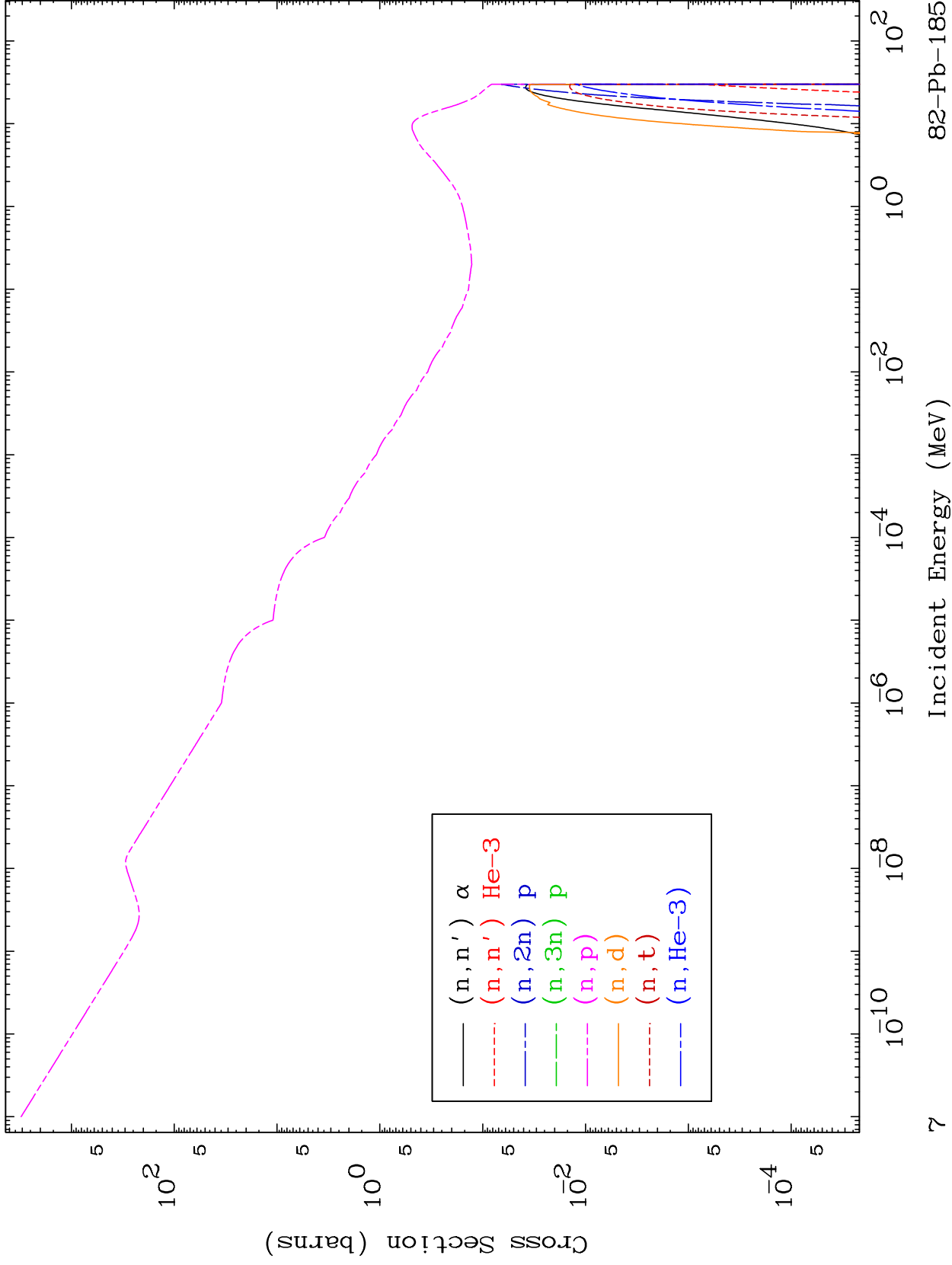




MAT 8168

Charged Particle
293 Kelvin Cross Sections

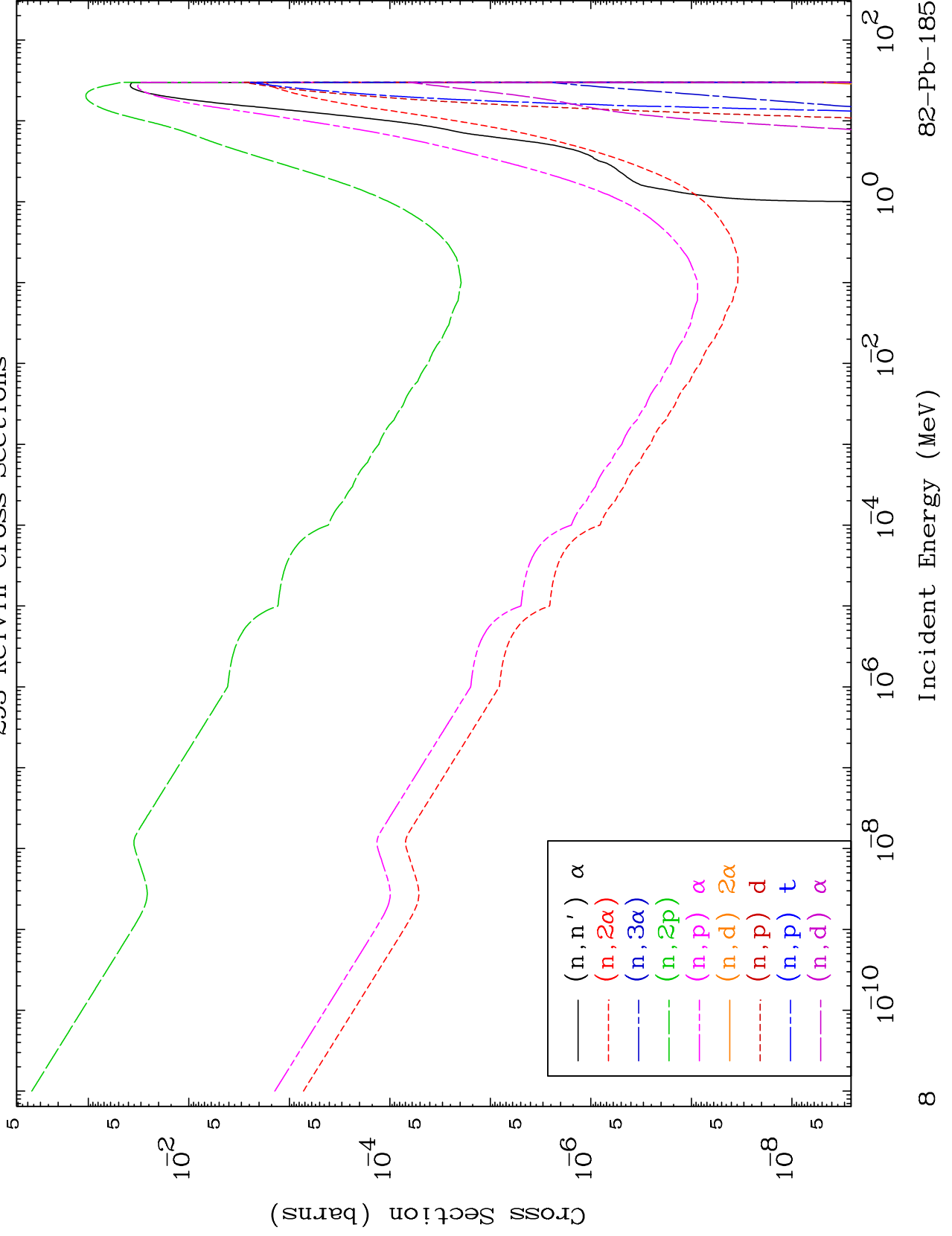
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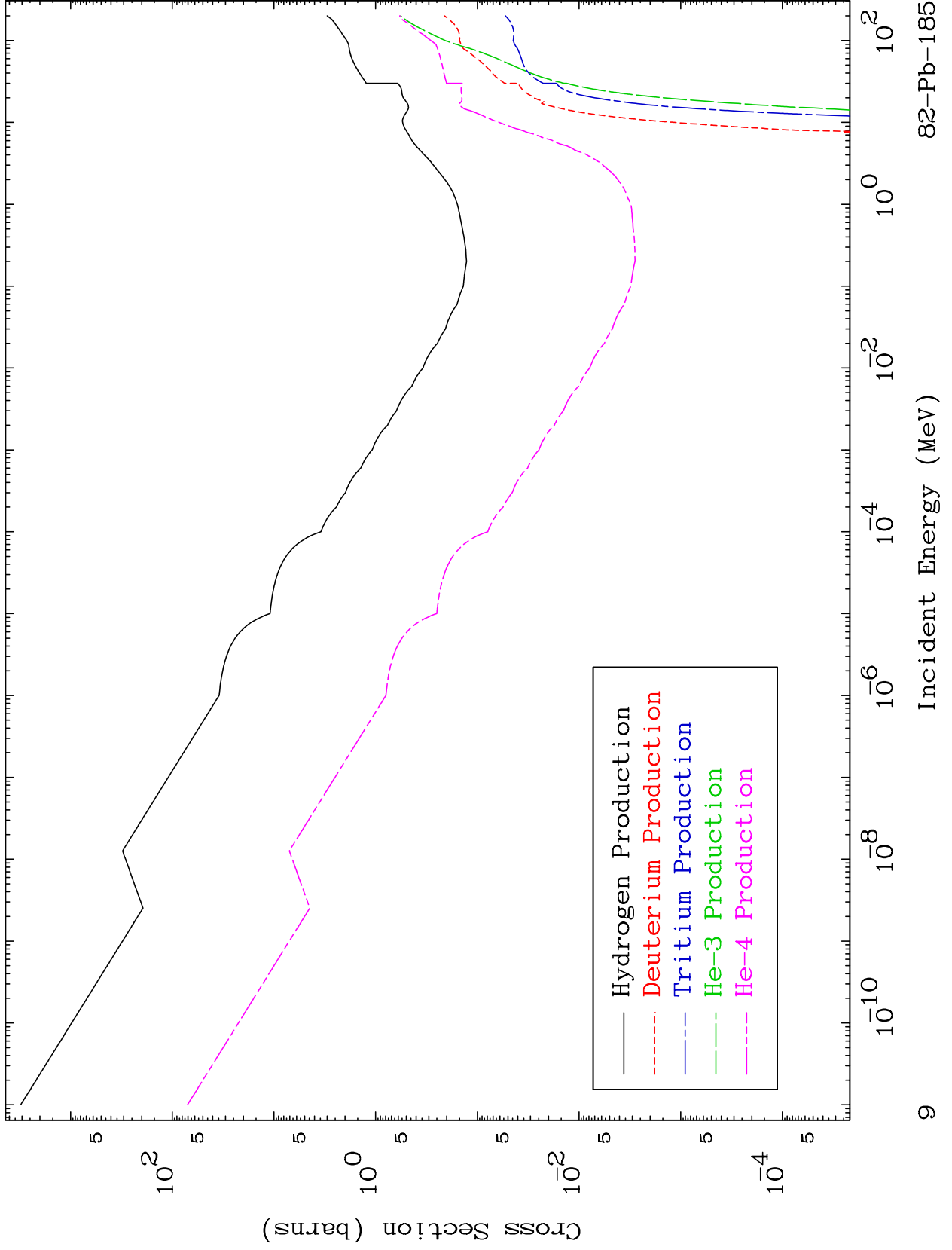


MAT 8168

Charged Particle
293 Kelvin Cross Sections

82-Pb-185

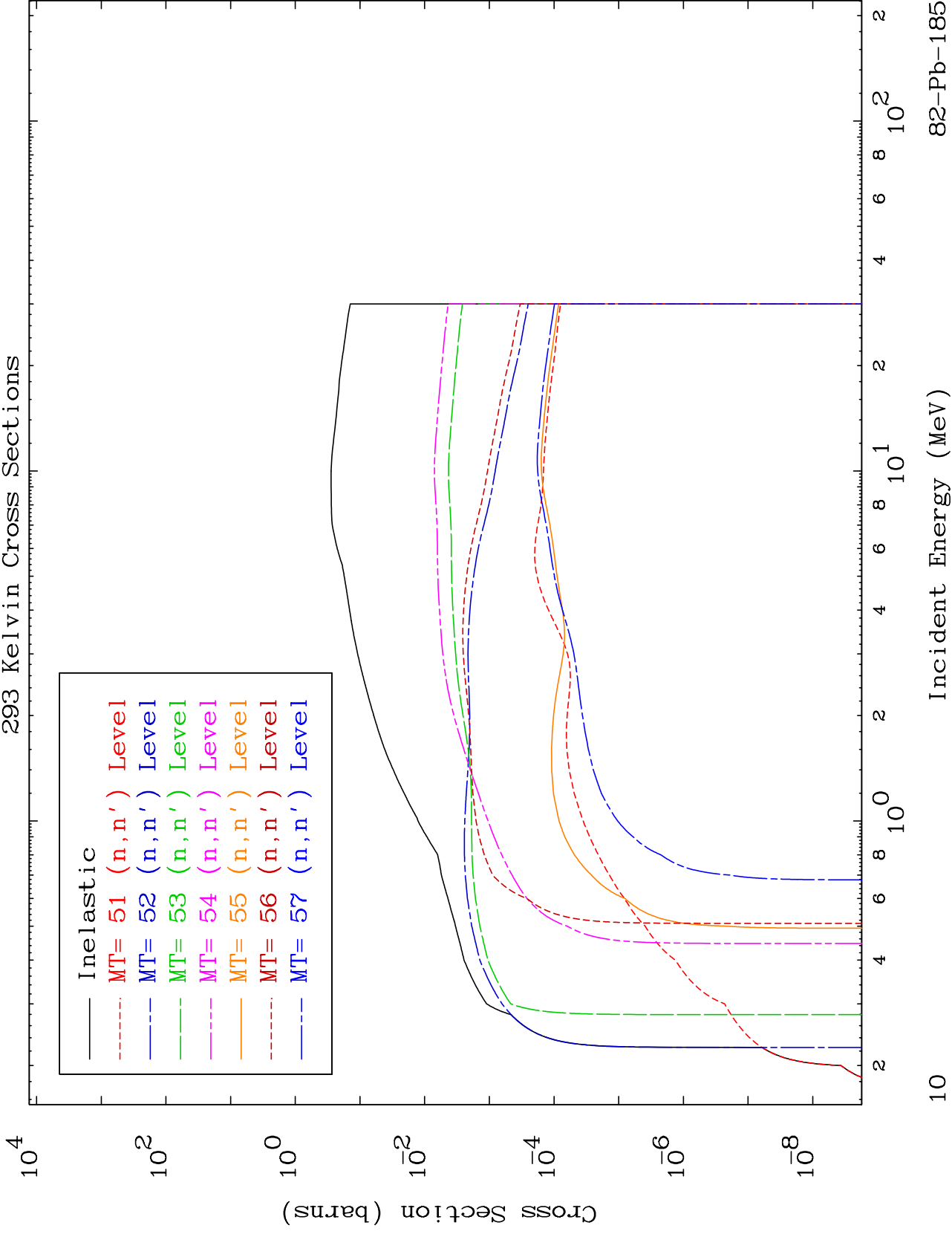




MAT 81688

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-185



10

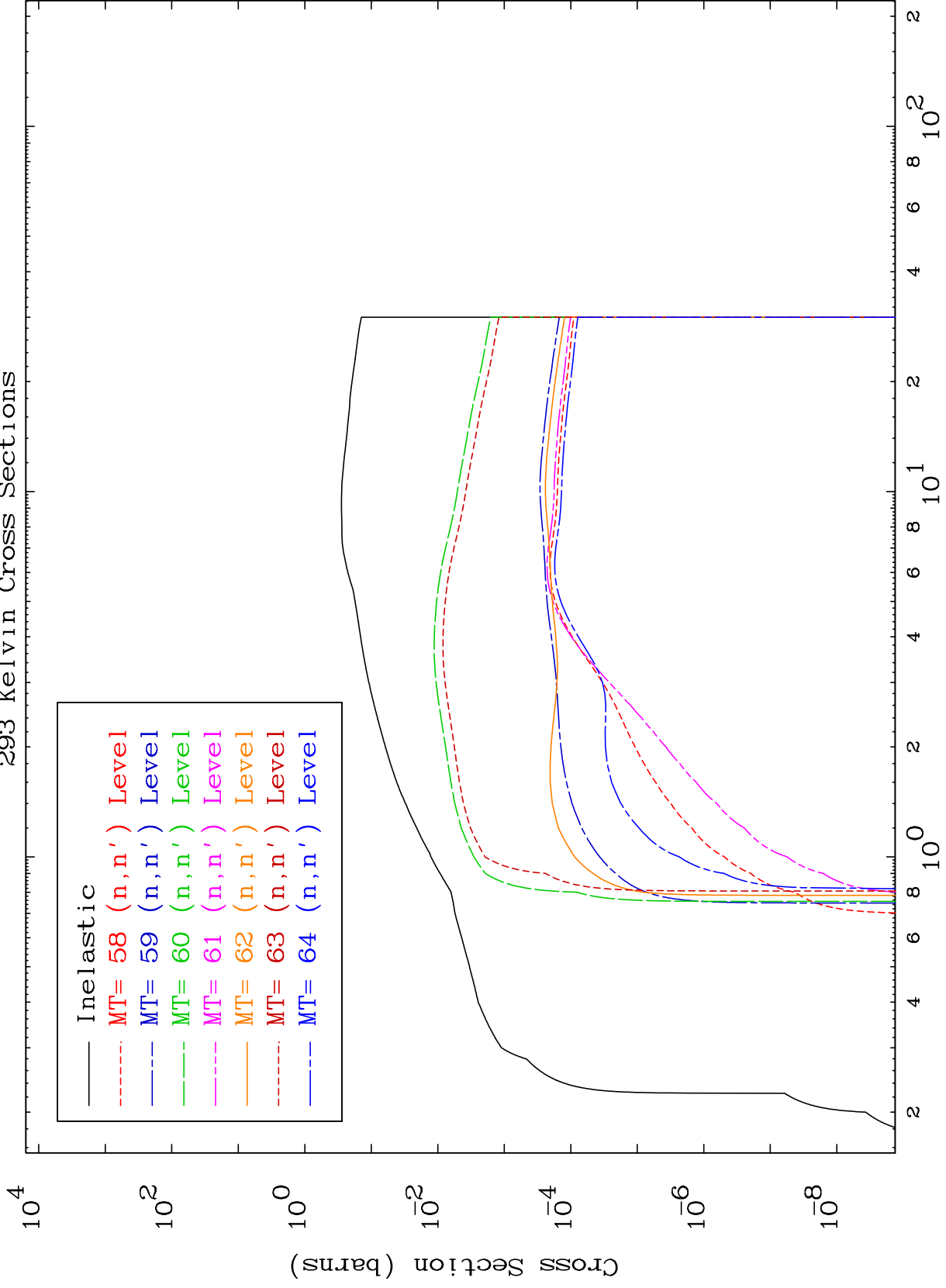
Incident Energy (MeV)

82-Pb-185

MAT 8168

(n,n') Levels
293 Kelvin Cross Sections

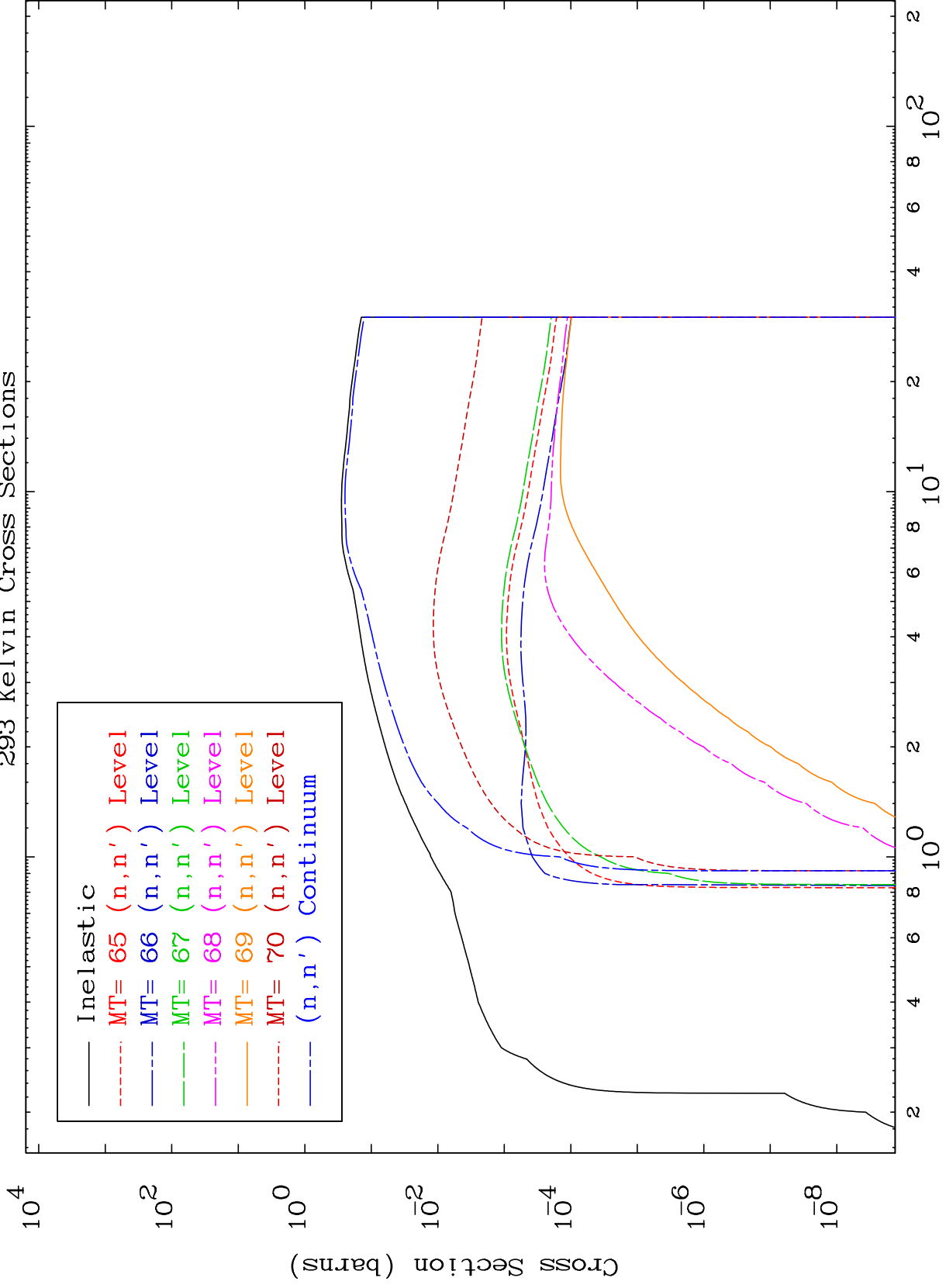
82-Pb-185



MAT 8168

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-185



12

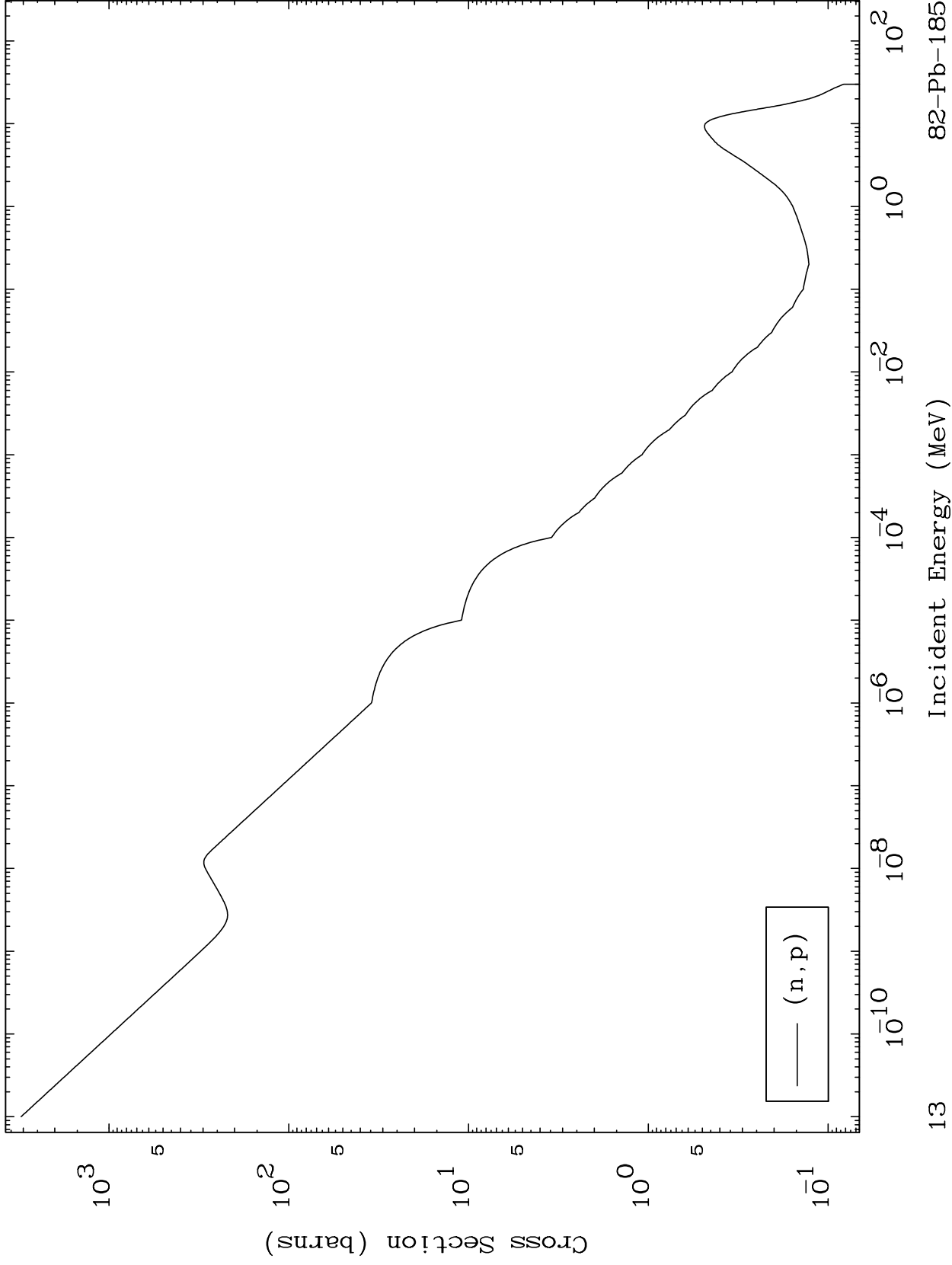
Incident Energy (MeV)

82-Pb-185

MAT 8168

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-185

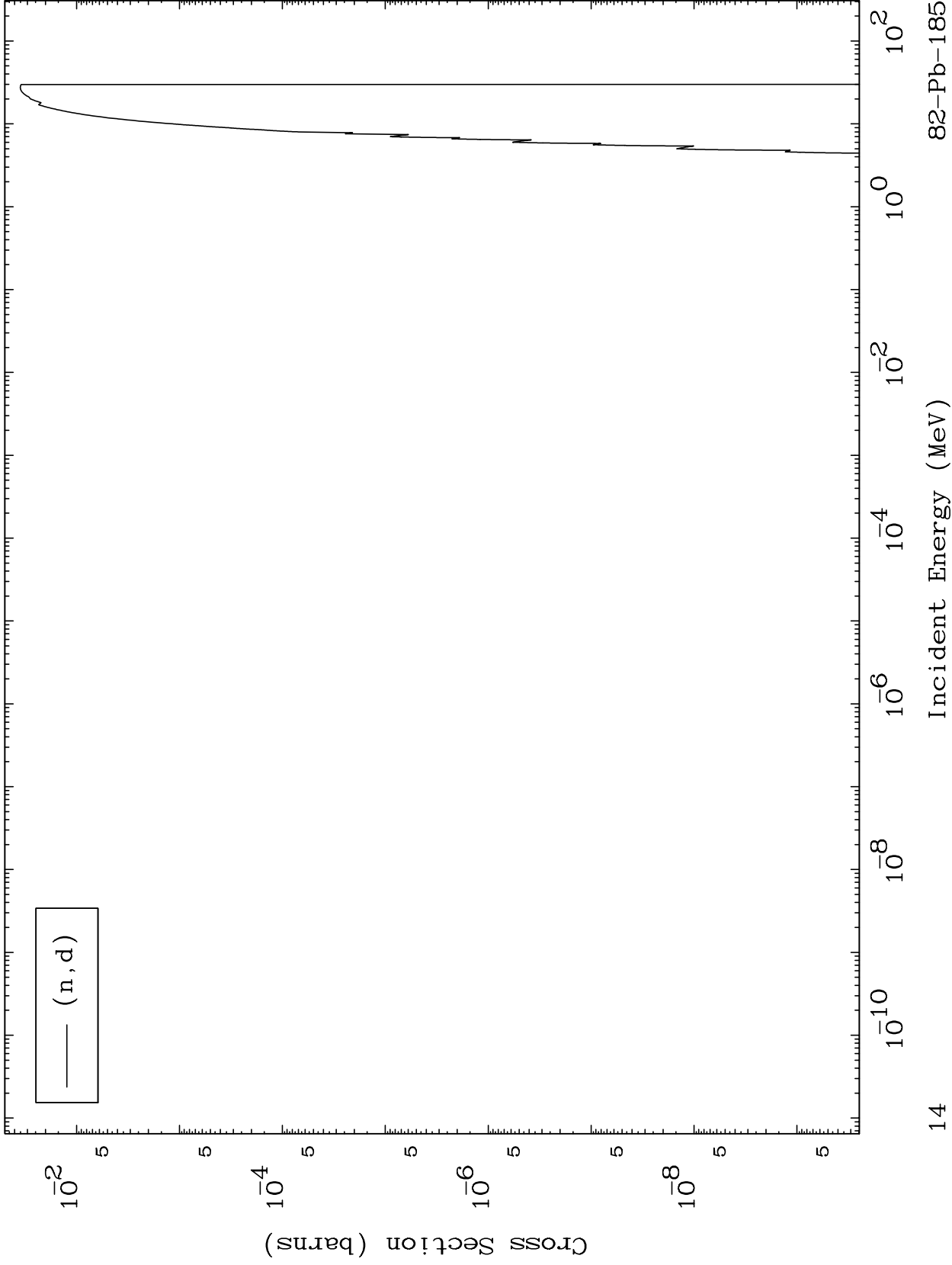


13

MAT 8168

(n,d) Levels
293 Kelvin Cross Sections

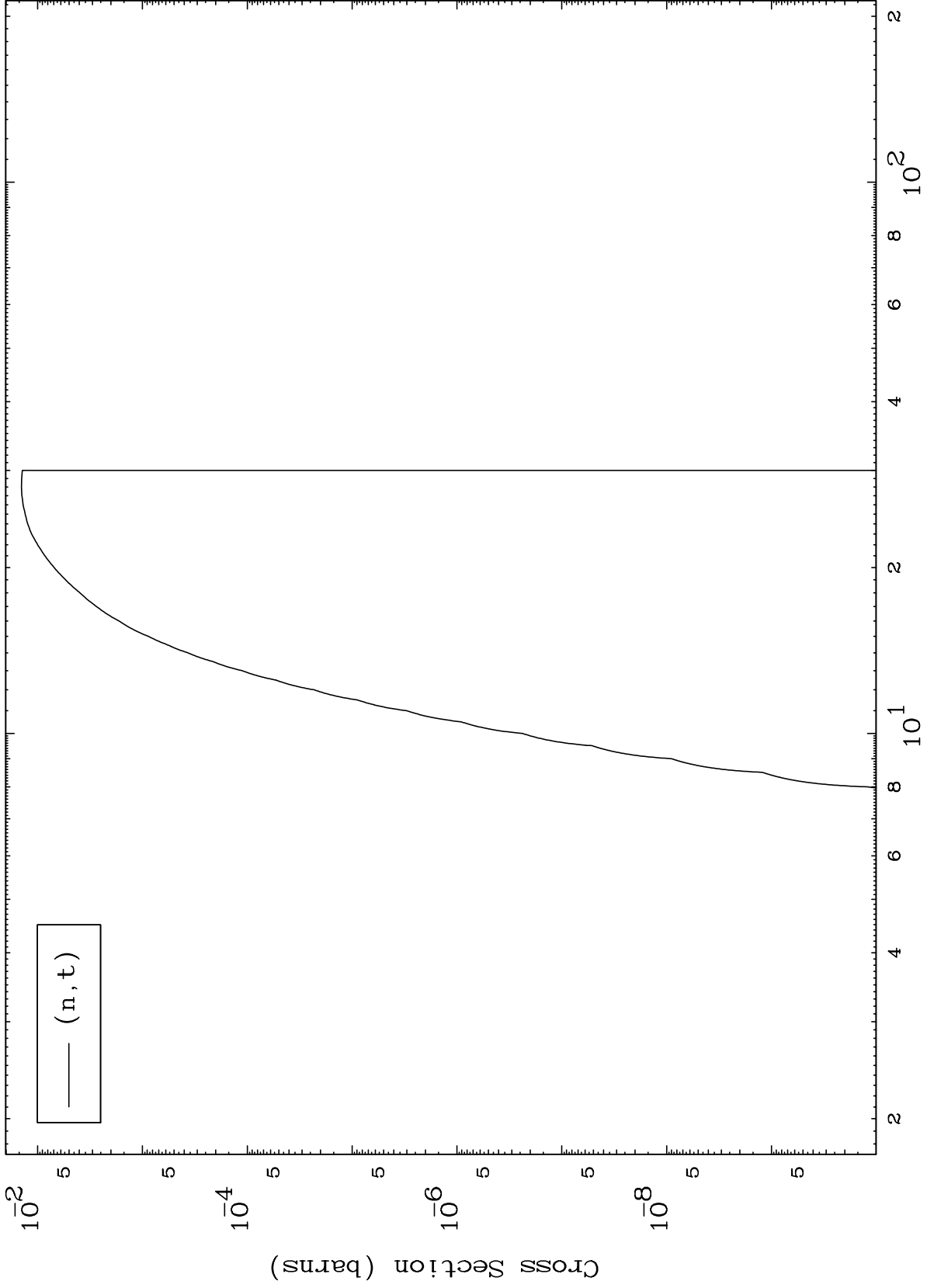
82-Pb-185



MAT 8168

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-185



15

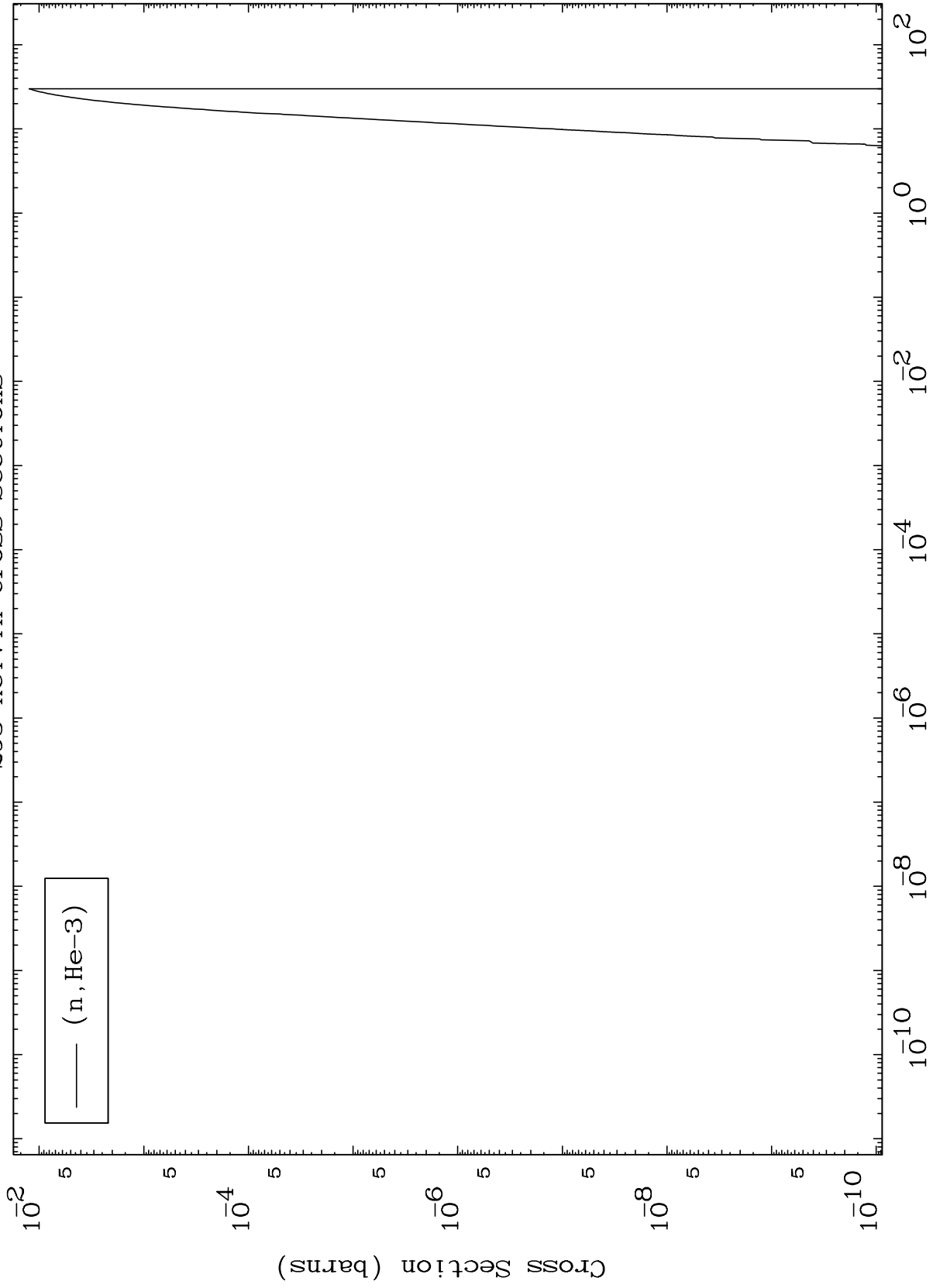
Incident Energy (MeV)

82-Pb-185

MAT 8168

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-185



16

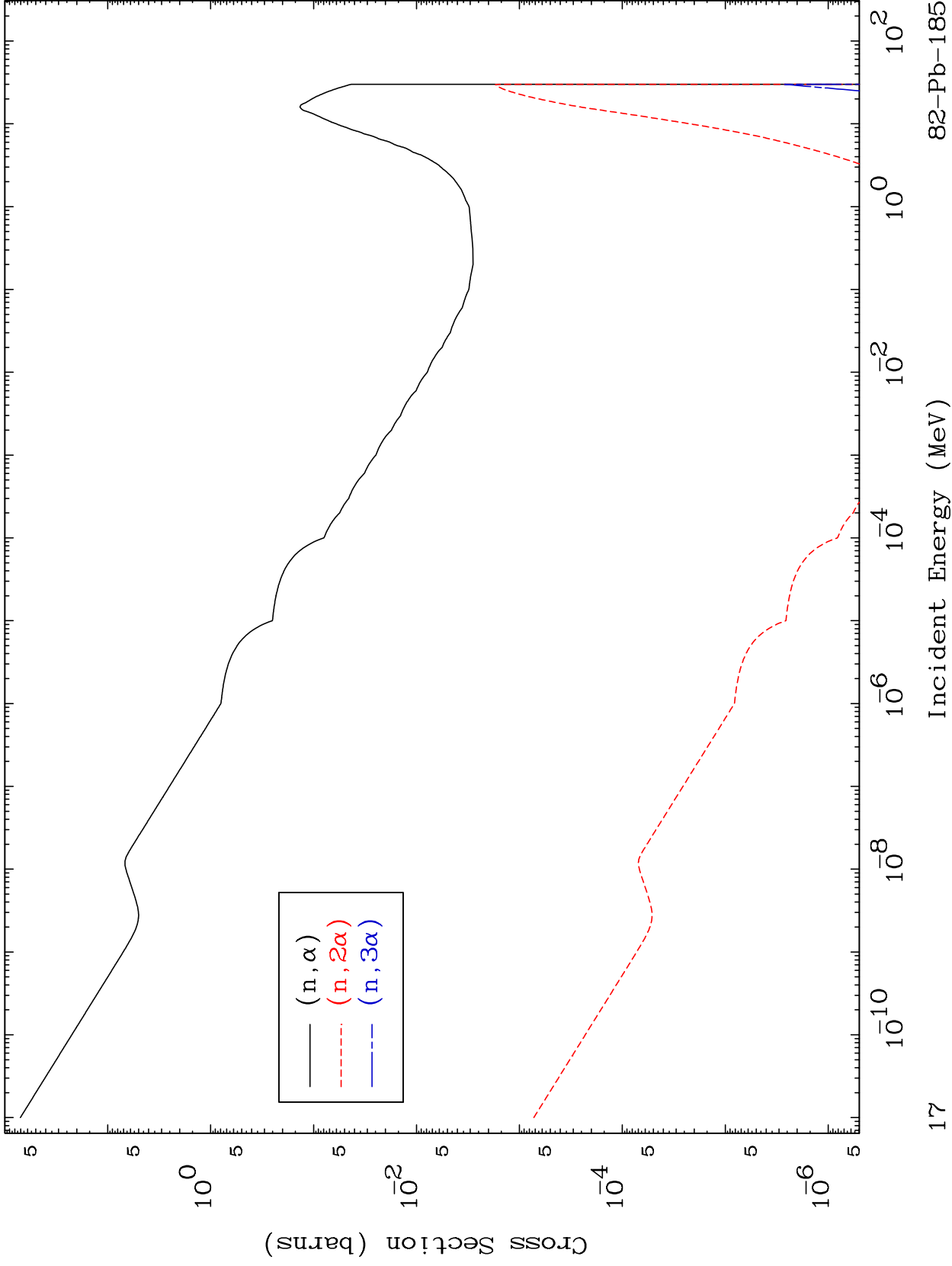
Incident Energy (MeV)

82-Pb-185

MAT 8168

(n, α) Levels
293 Kelvin Cross Sections

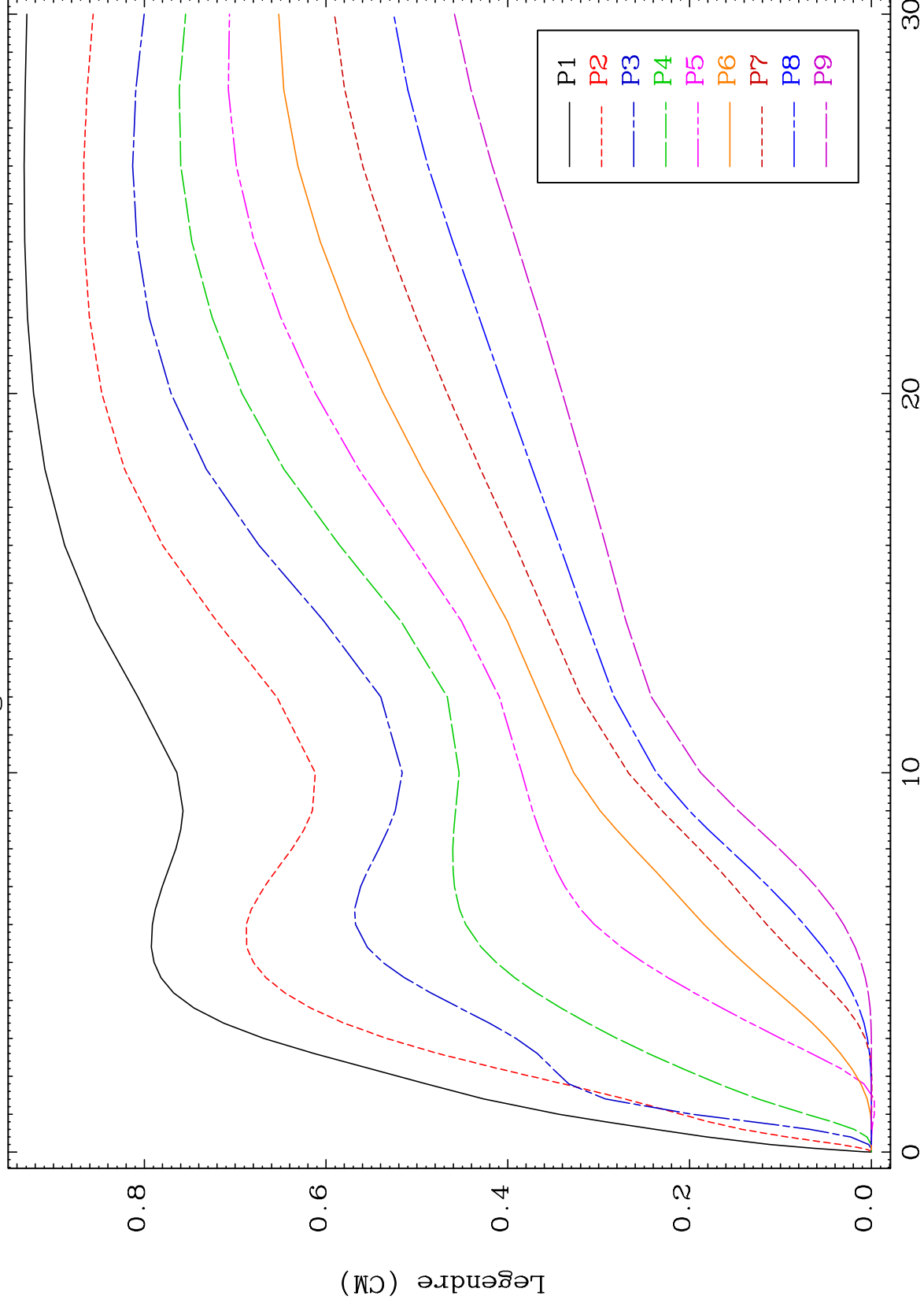
82-Pb-185



MAT 8168

Elastic Legendre Coefficients

$^{82}\text{Pb-185}$

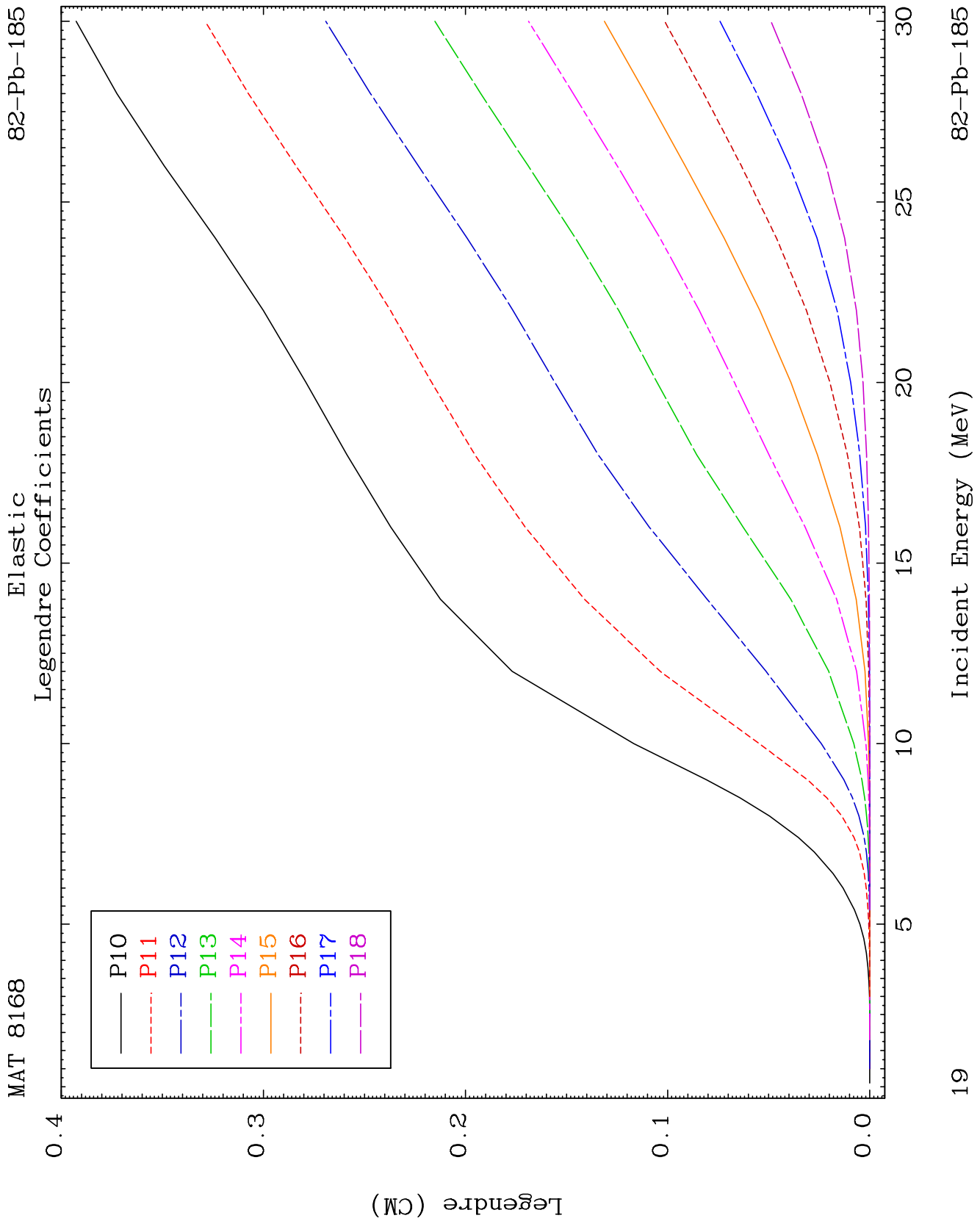


18

Incident Energy (MeV)

$^{82}\text{Pb-185}$

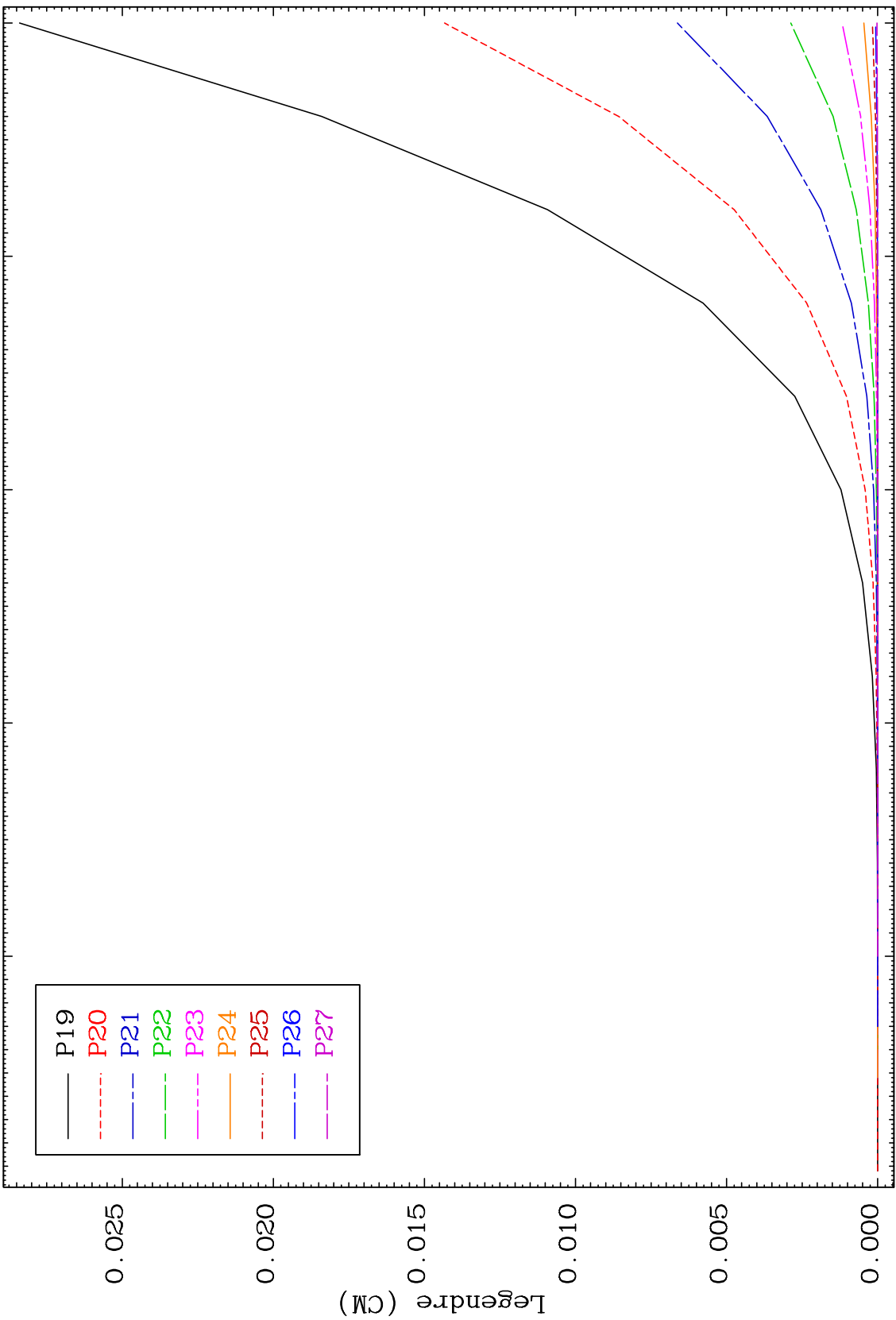
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MAT 8168

Elastic Legendre Coefficients

82-Pb-185



20

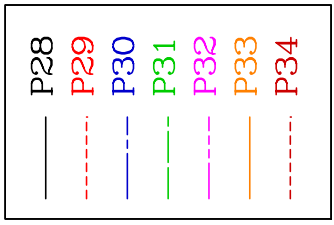
Incident Energy (MeV)

82-Pb-185

MAT 8168

Elastic
Legendre Coefficients

82-Pb-185



$\times 10^{-6}$

6

4

2

0

15

20

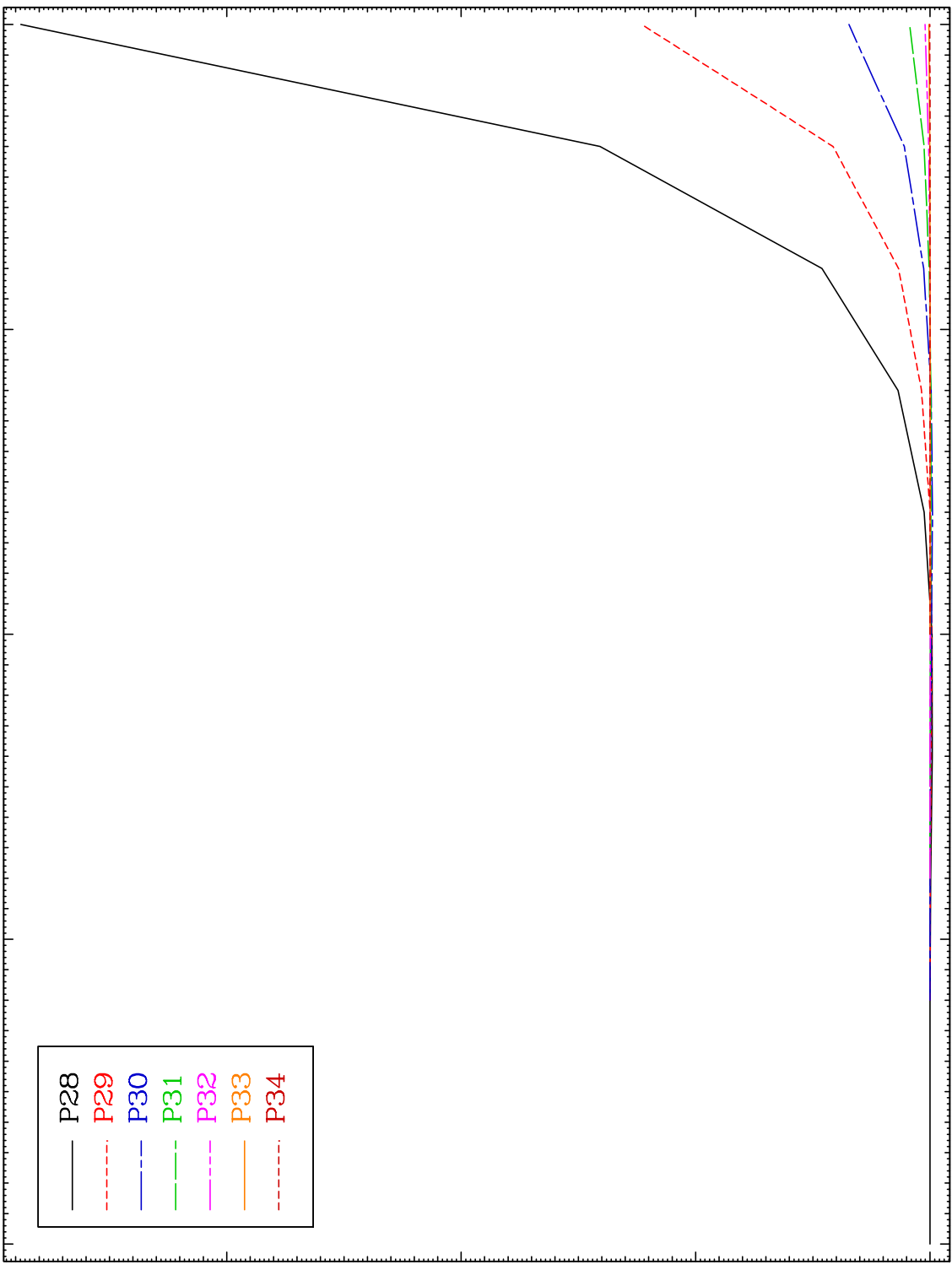
25

30

21

Incident Energy (MeV)

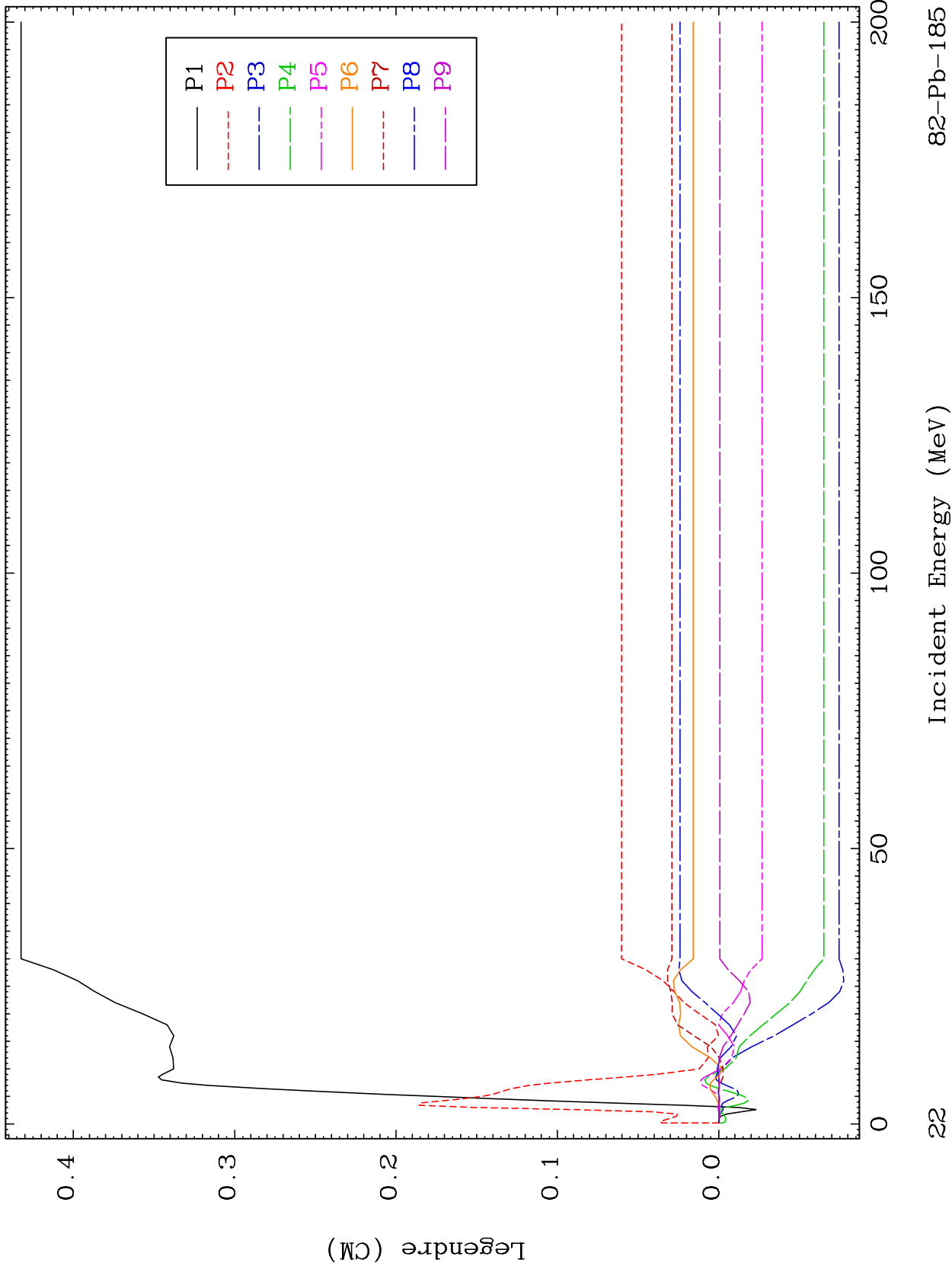
82-Pb-185



MAT 8168

MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-185



22

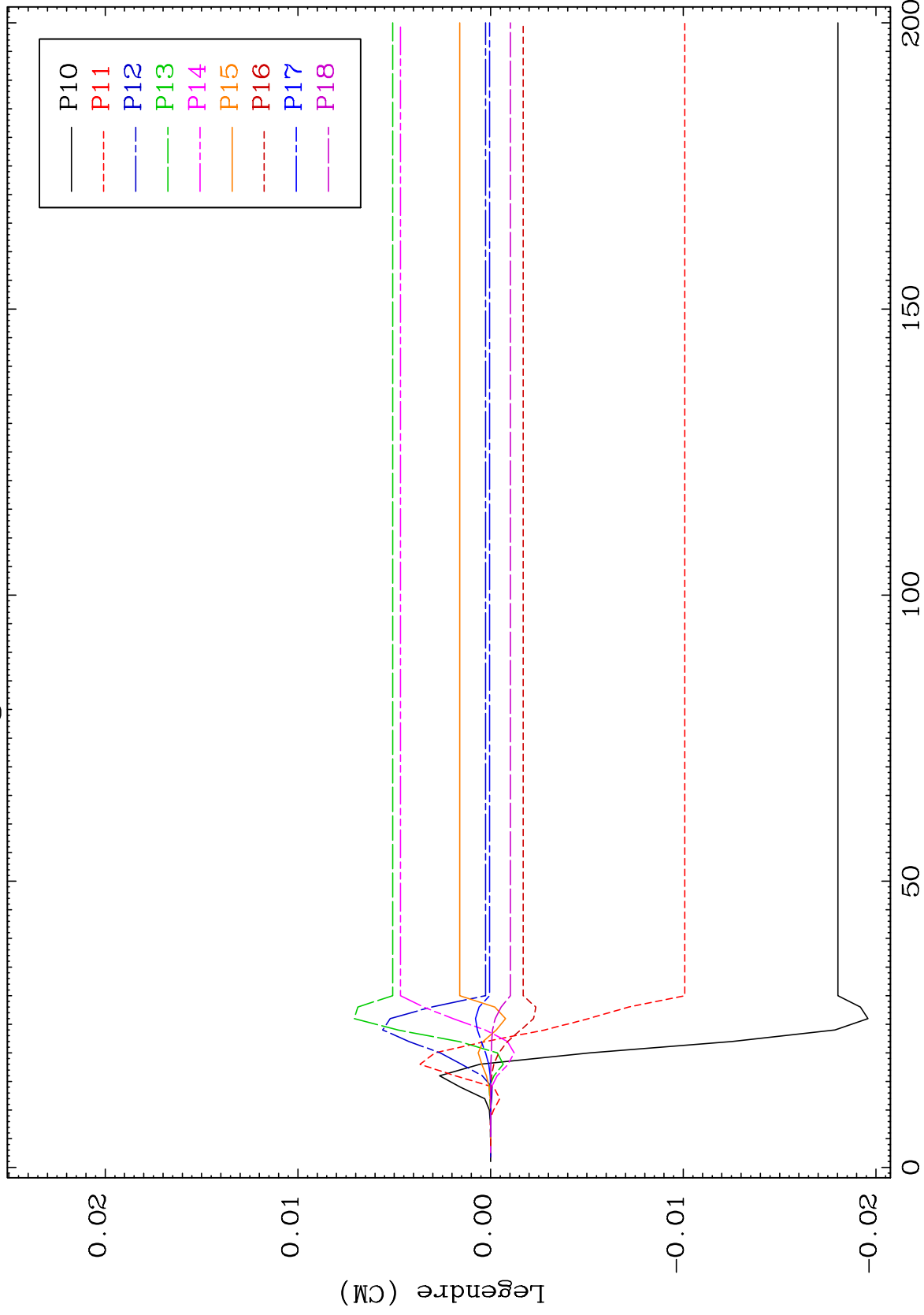
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-185



23

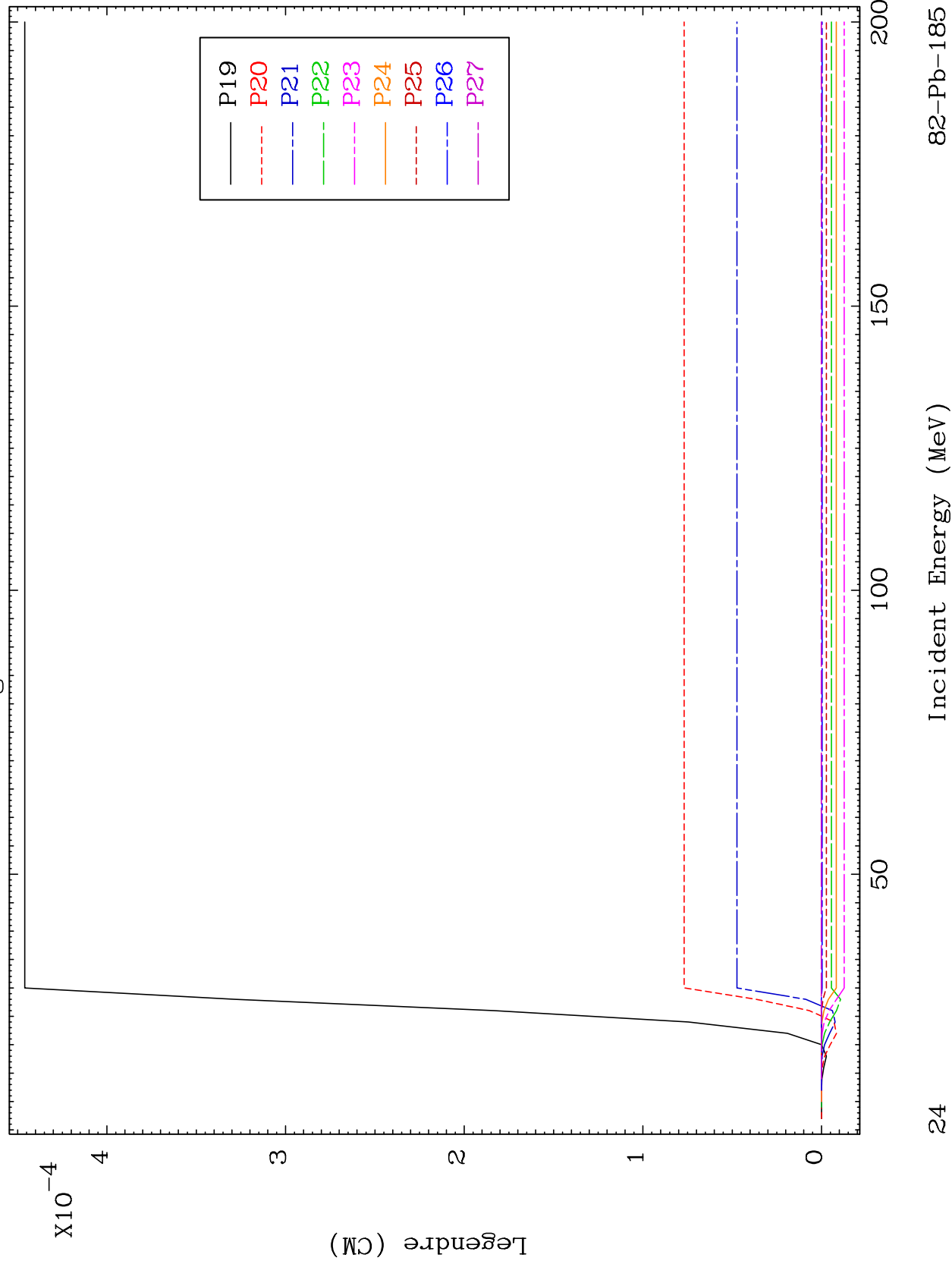
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-185



24

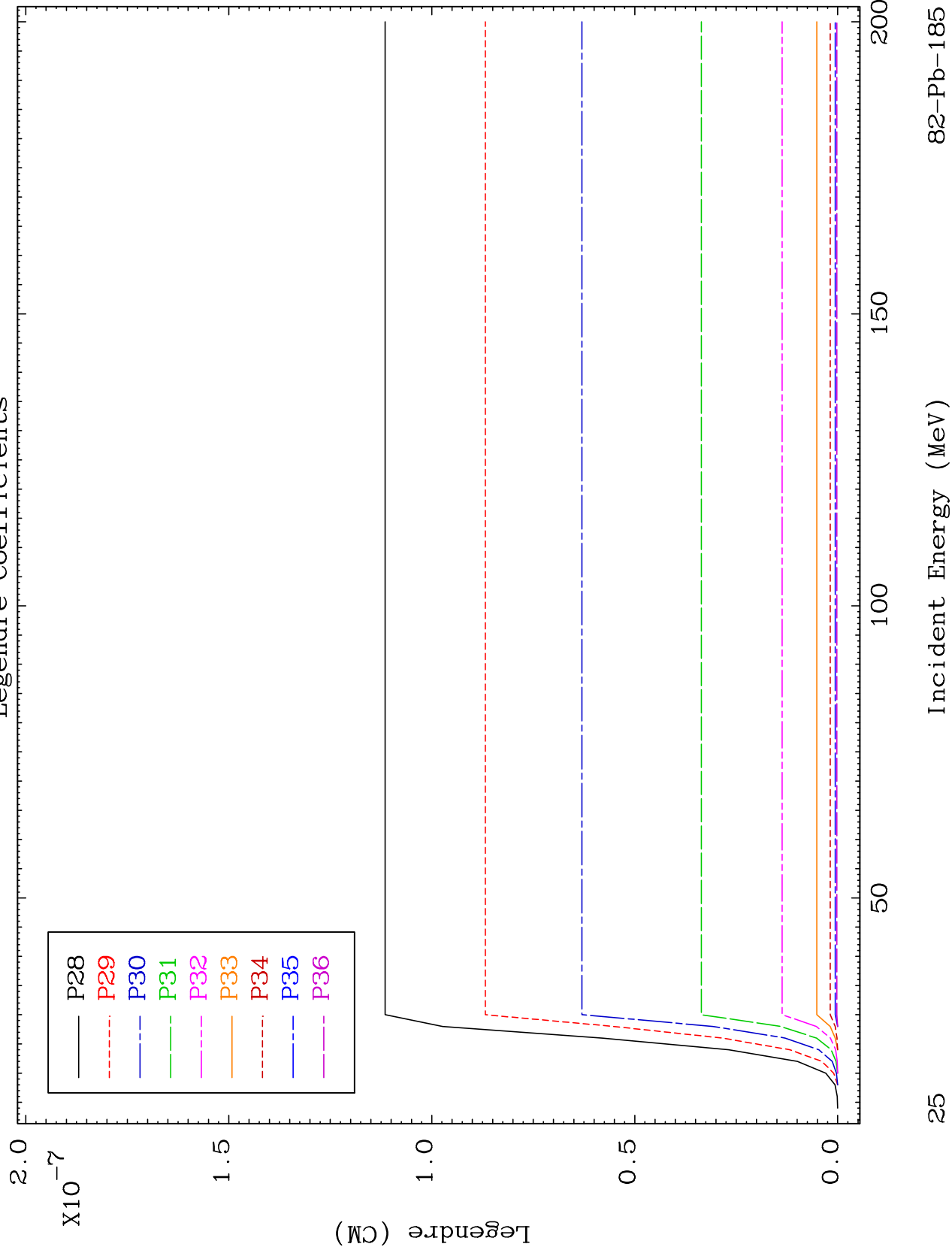
Incident Energy (MeV)

82-Pb-185

MAT 81688

MT= 51 (n,n') Level
Legendre Coefficients

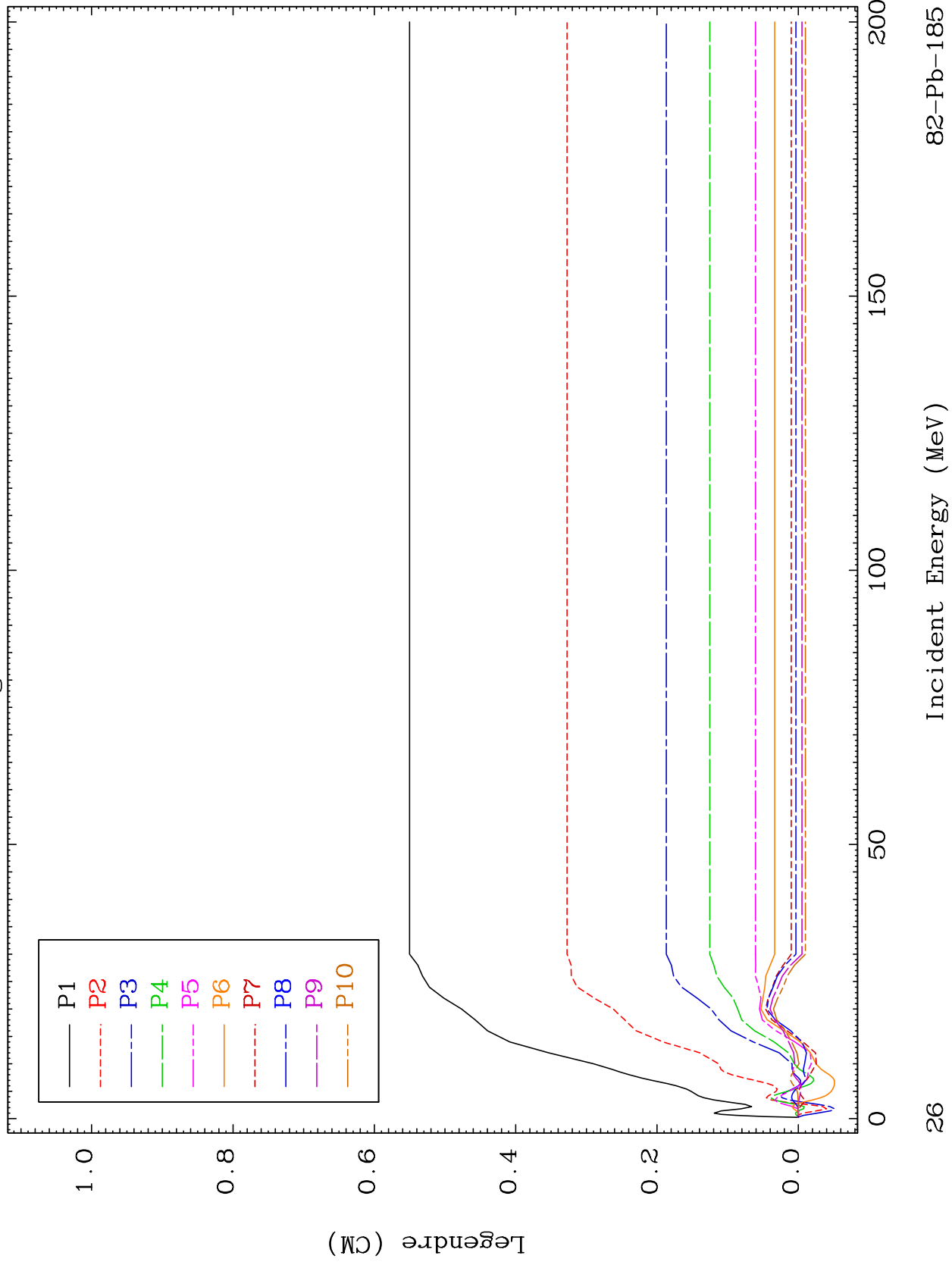
82-Pb-185



MAT 8168

MT= 52 (n,n') Level
Legendre Coefficients

82-Pb-185



26

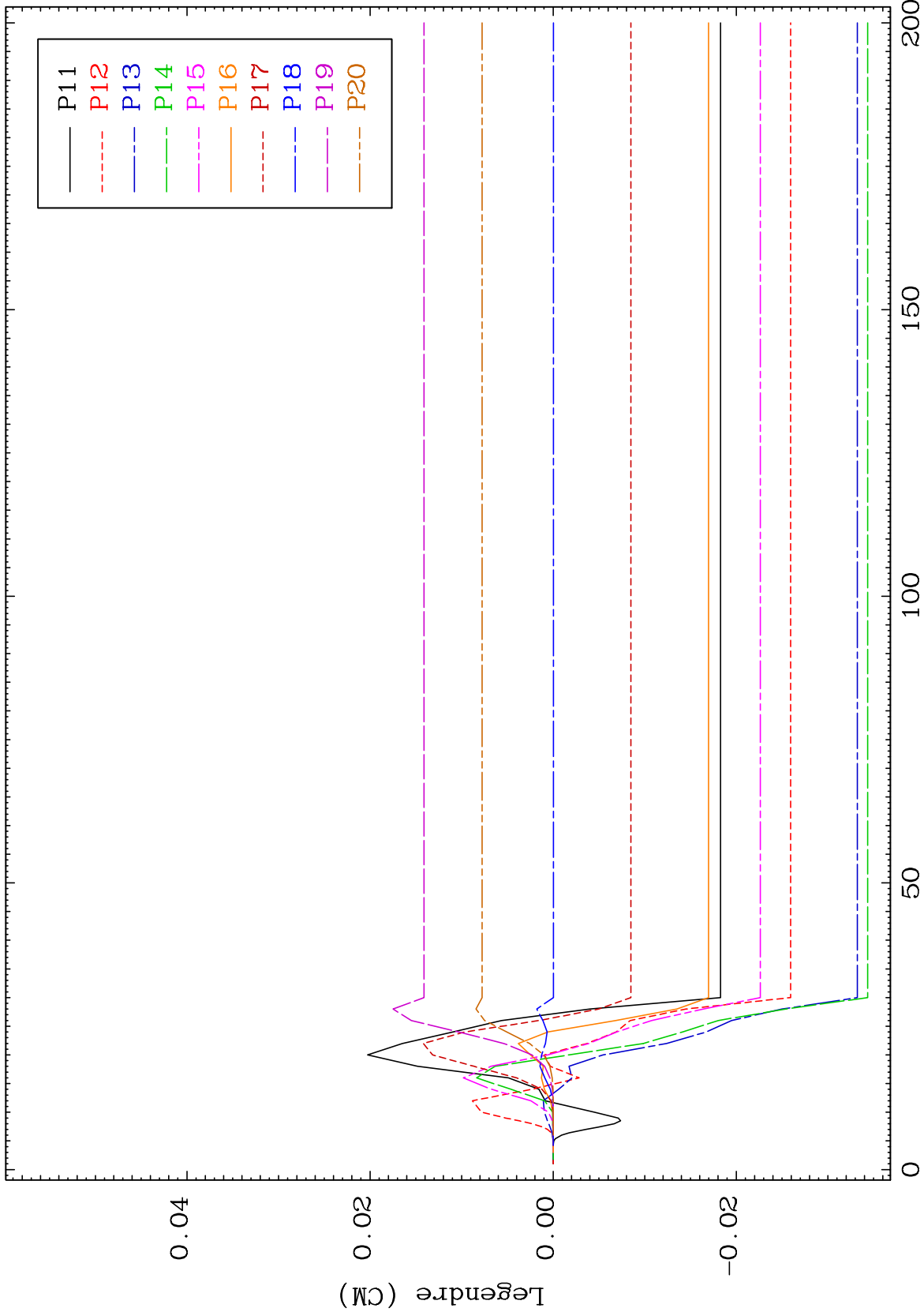
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 52 (n,n') Level Legendre Coefficients

82-Pb-185



27

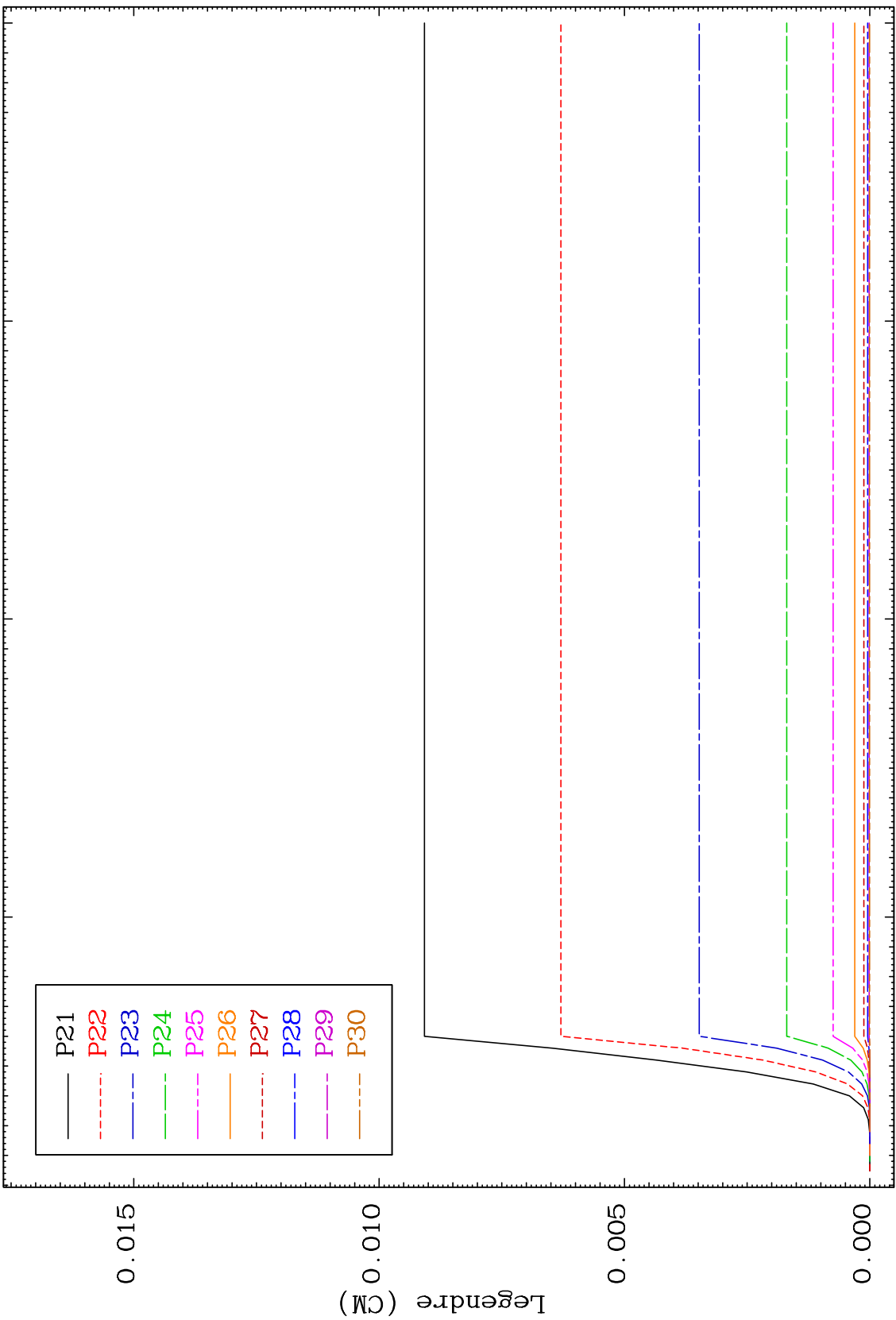
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 52 (n,n') Level
Legendre Coefficients

82-Pb-185



28

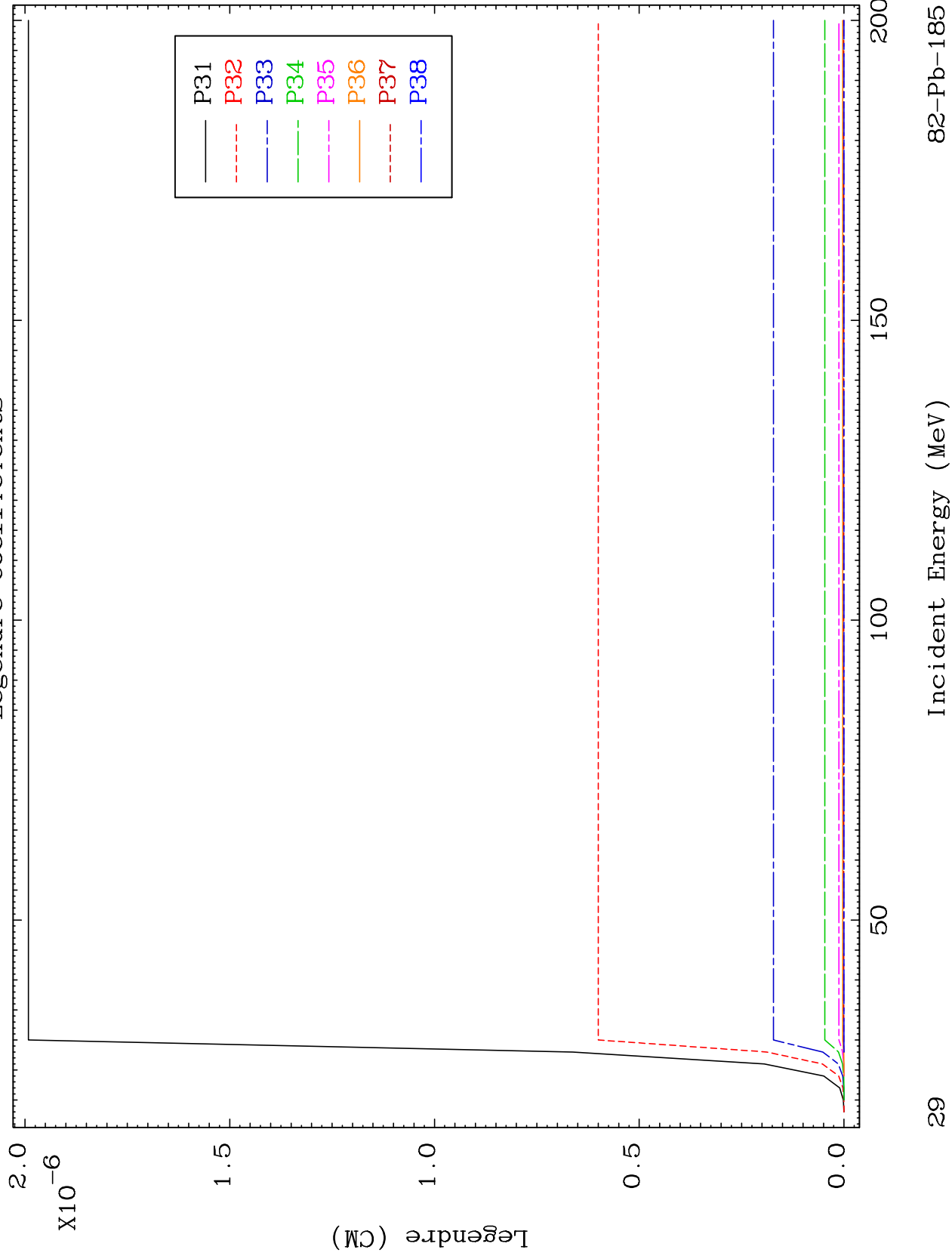
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 52 (n,n') Level
Legendre Coefficients

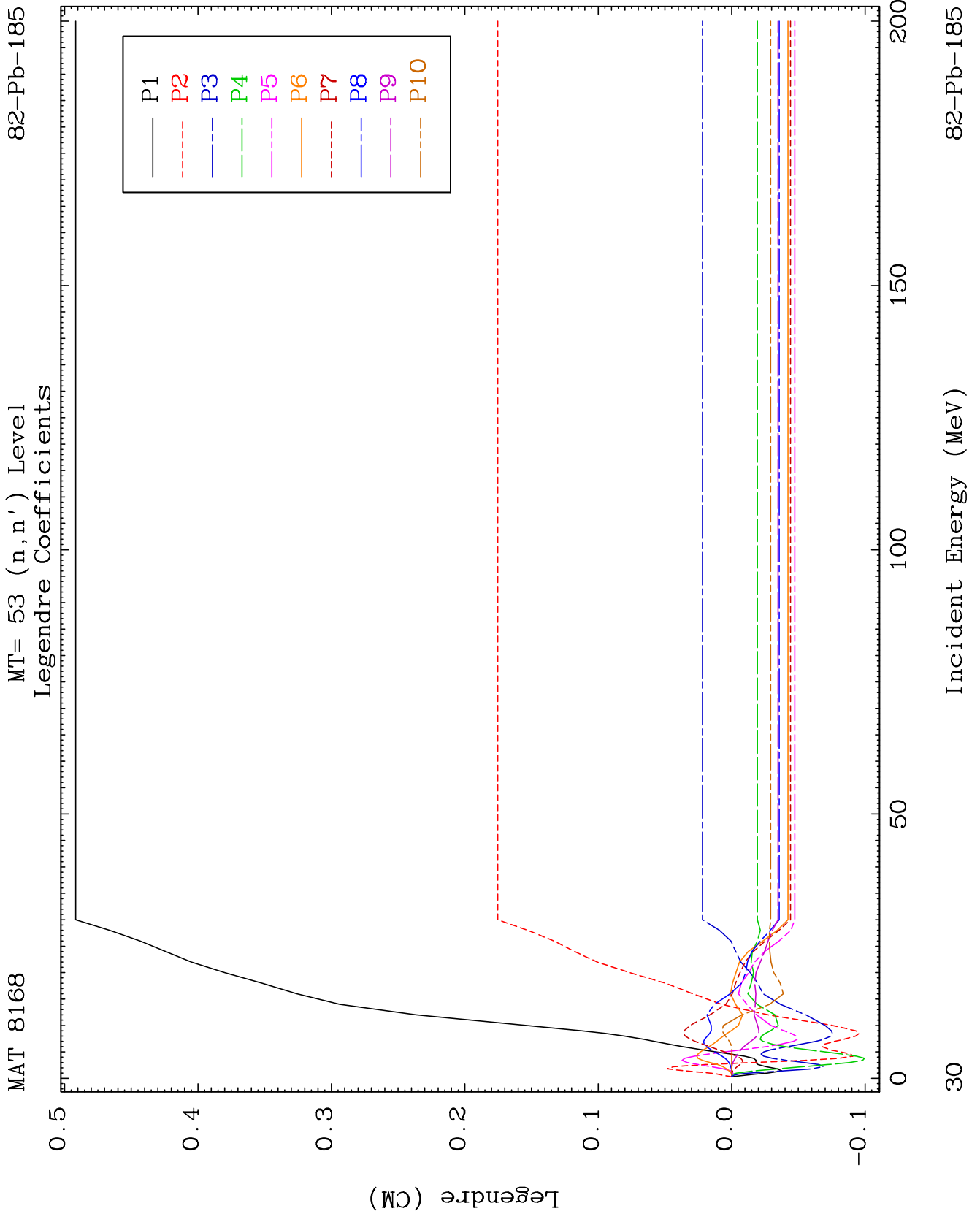
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29

Incident Energy (MeV)

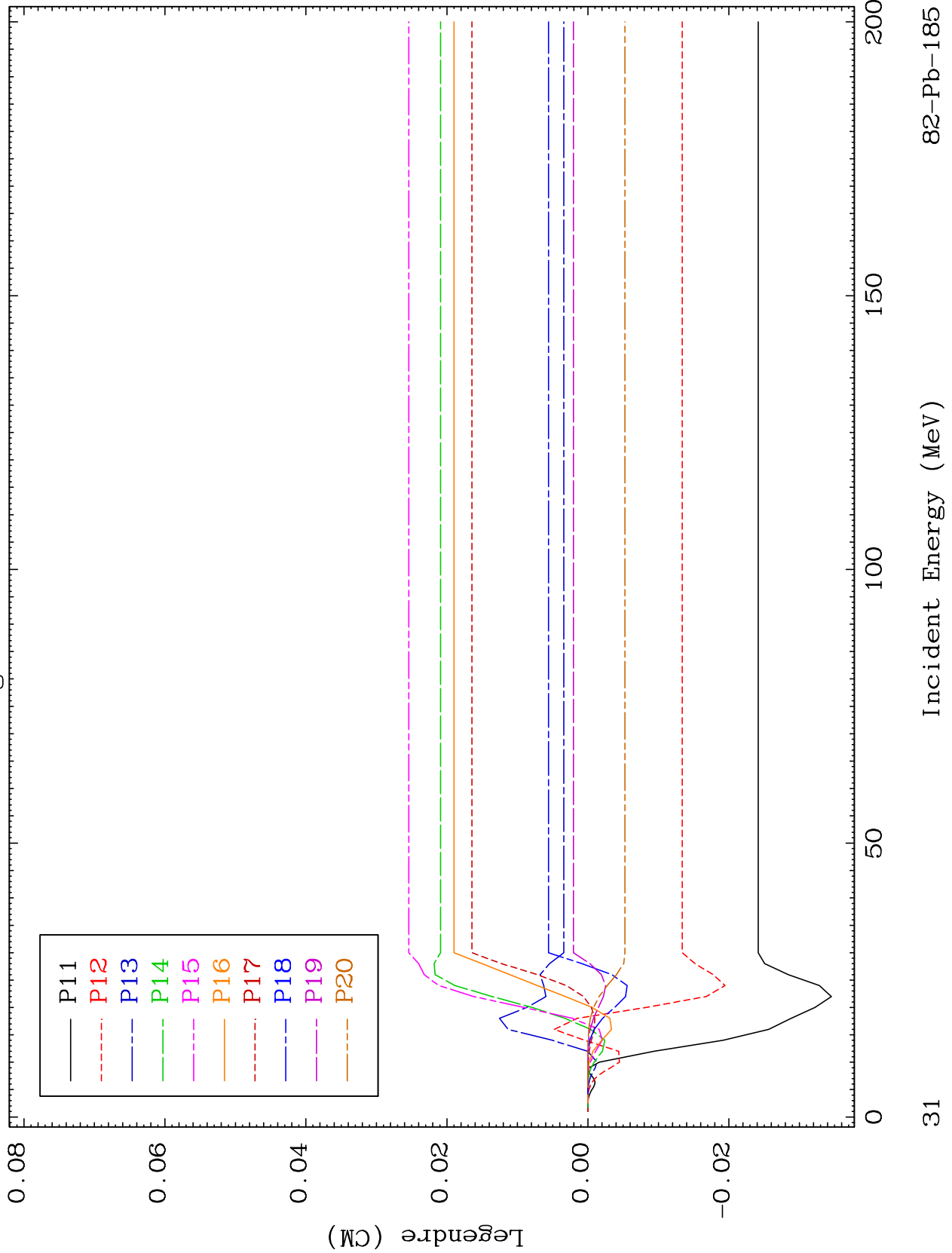
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MAT 8168

MT= 53 (n,n') Level
Legendre Coefficients

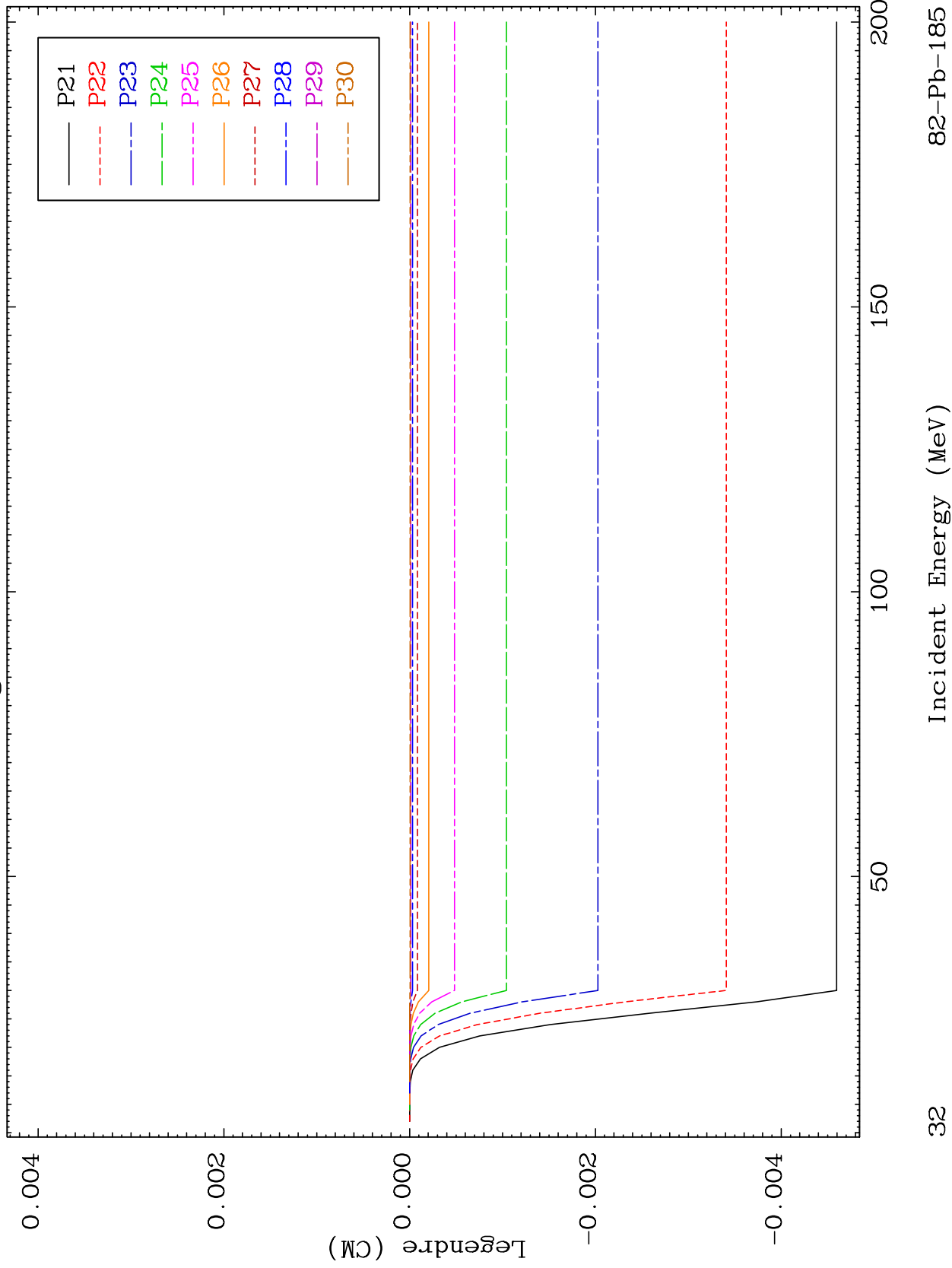
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MAT 8168

MT= 53 (n,n') Level
Legendre Coefficients

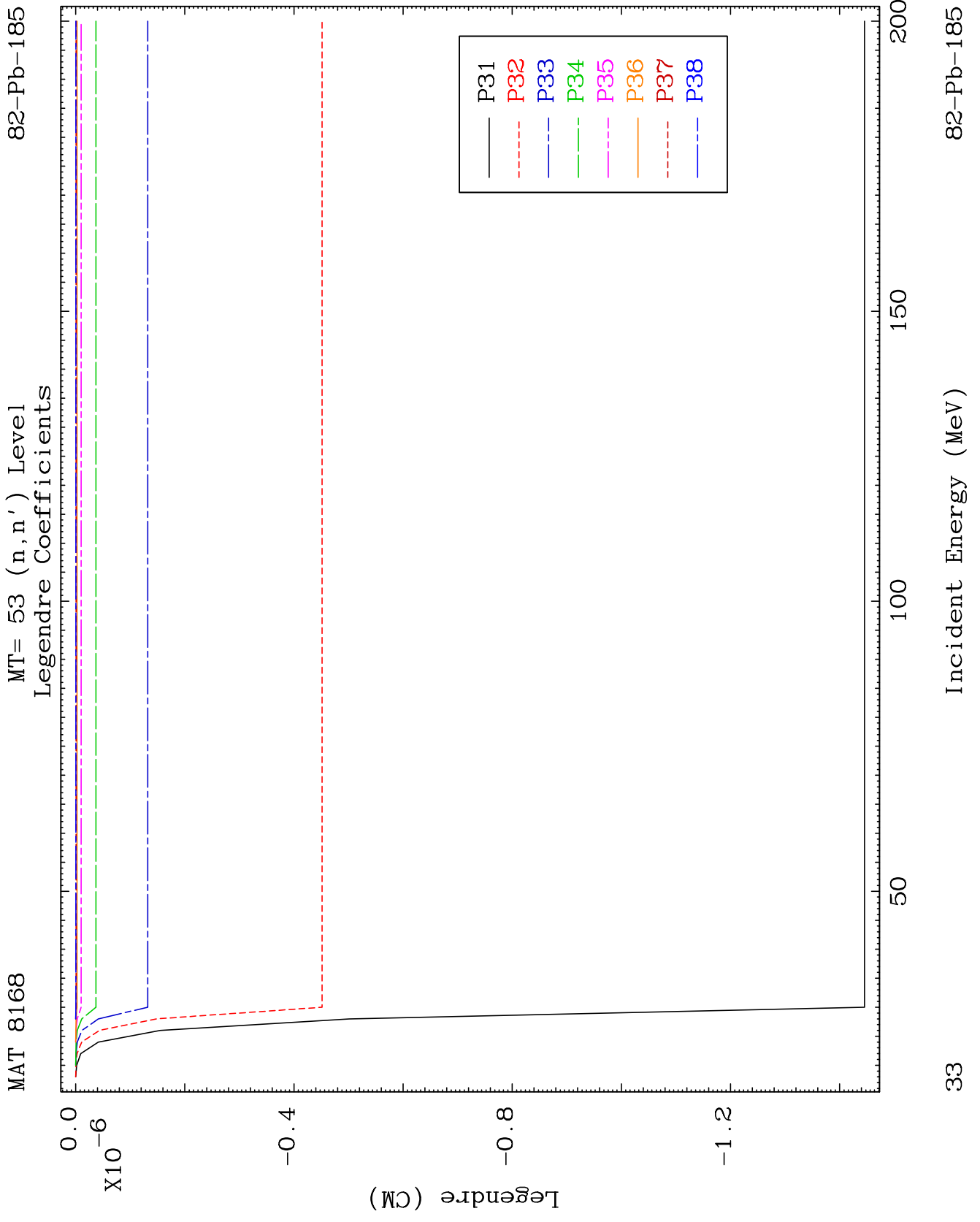
82-Pb-185



32

Incident Energy (MeV)

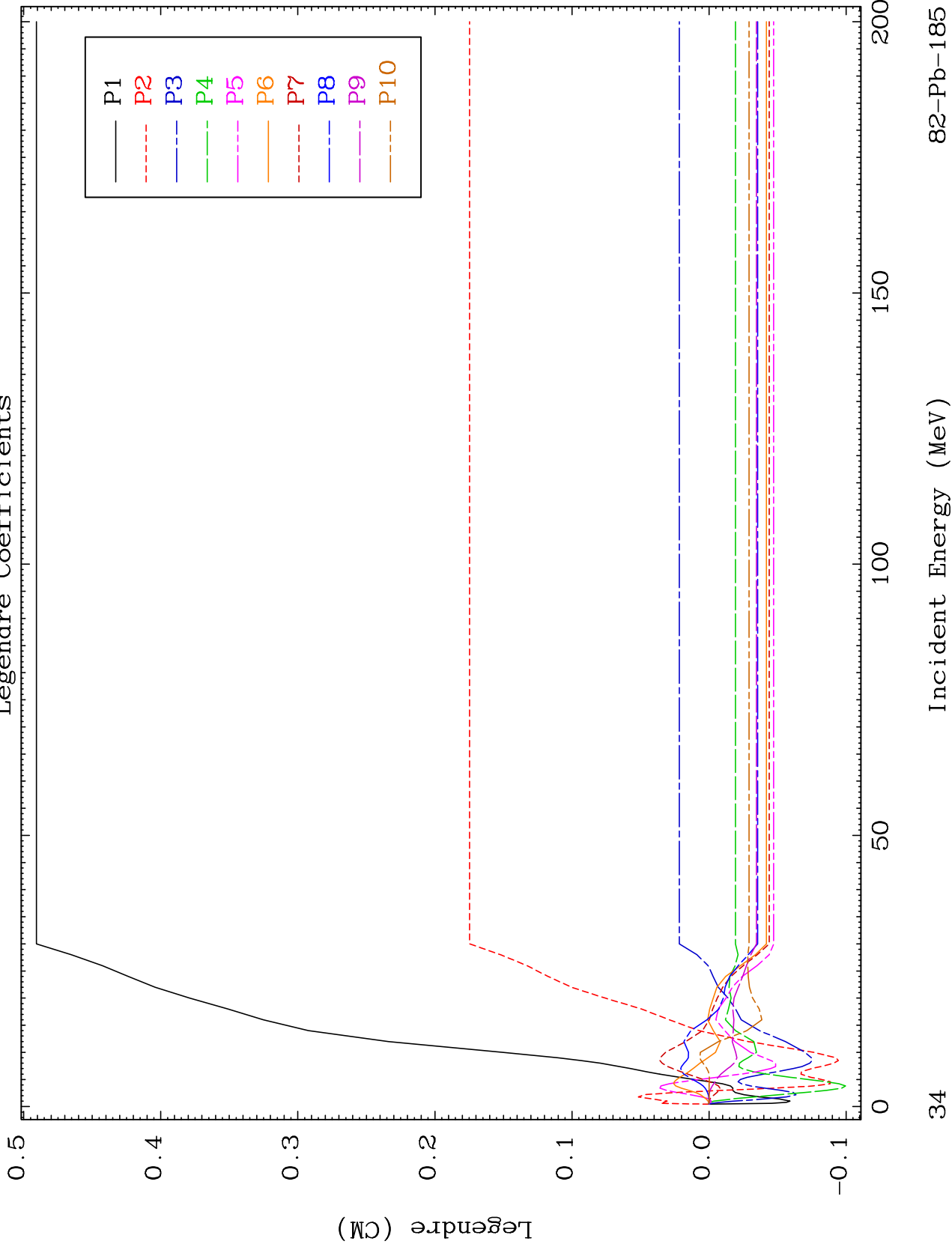
82-Pb-185



MAT 8168

MT= 54 (n,n') Level
Legendre Coefficients

82-Pb-185



34

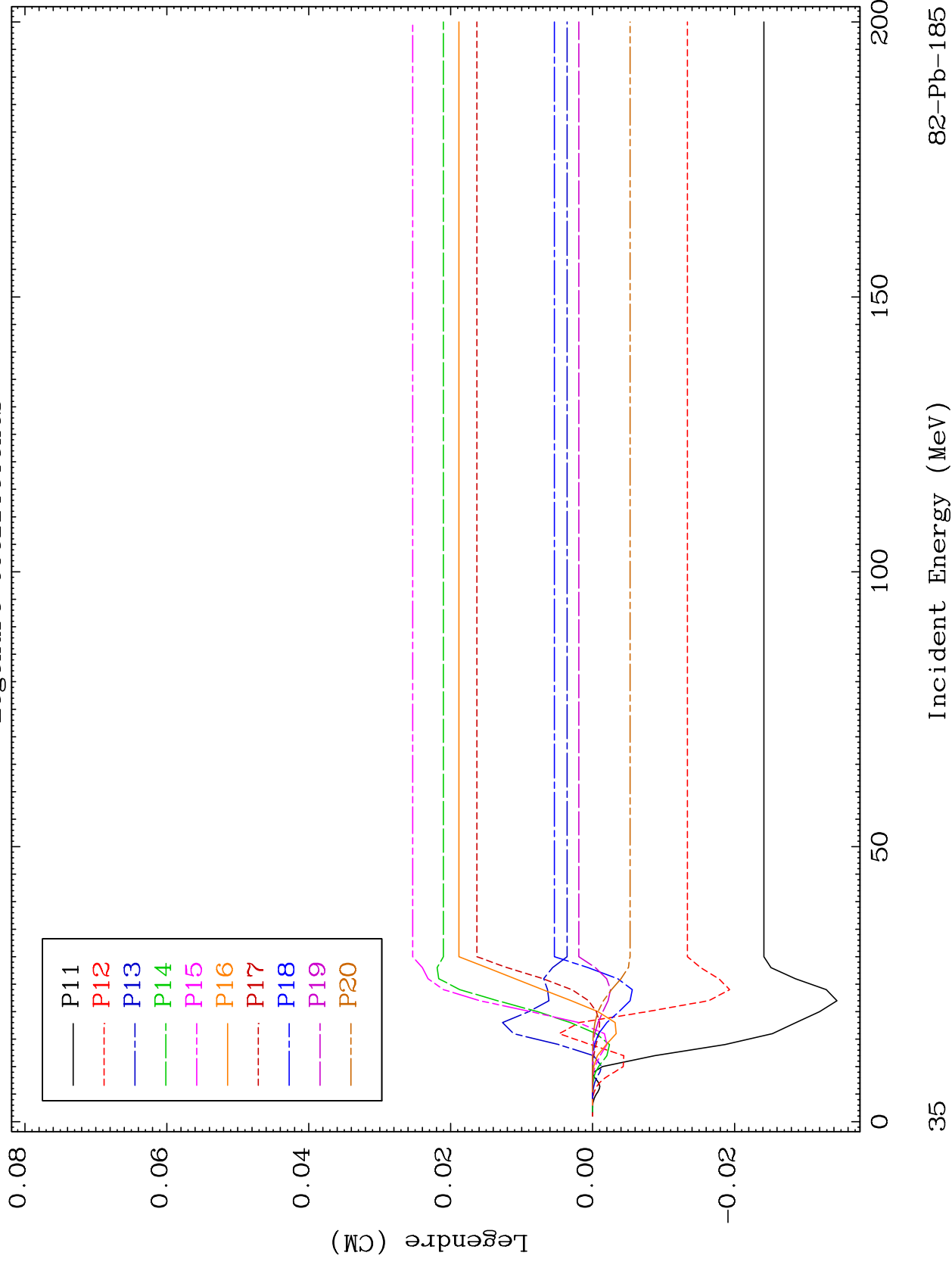
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 54 (n,n') Level
Legendre Coefficients

82-Pb-185



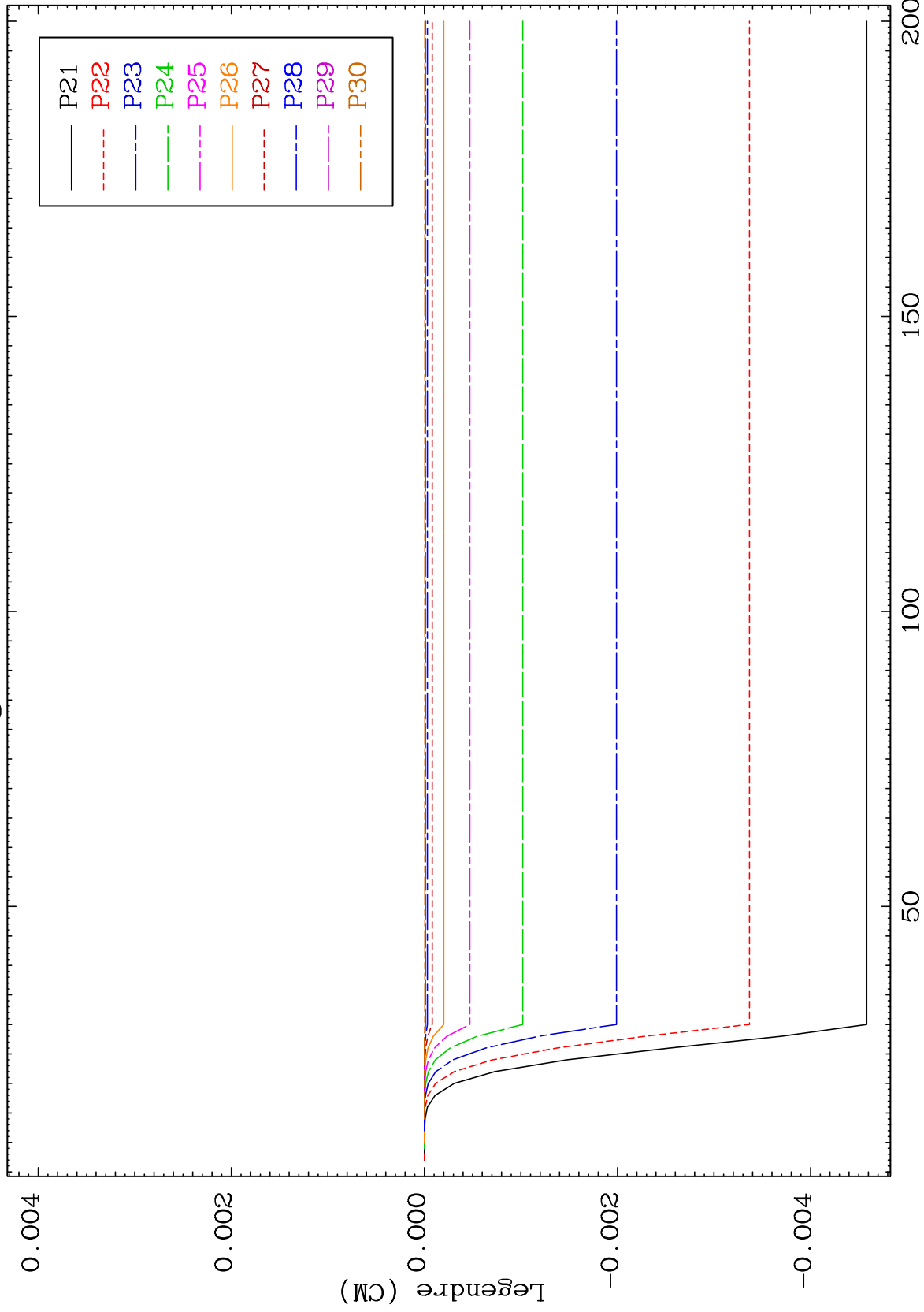
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82-Pb-185

MAT 8168

MT= 54 (n,n') Level
Legendre Coefficients

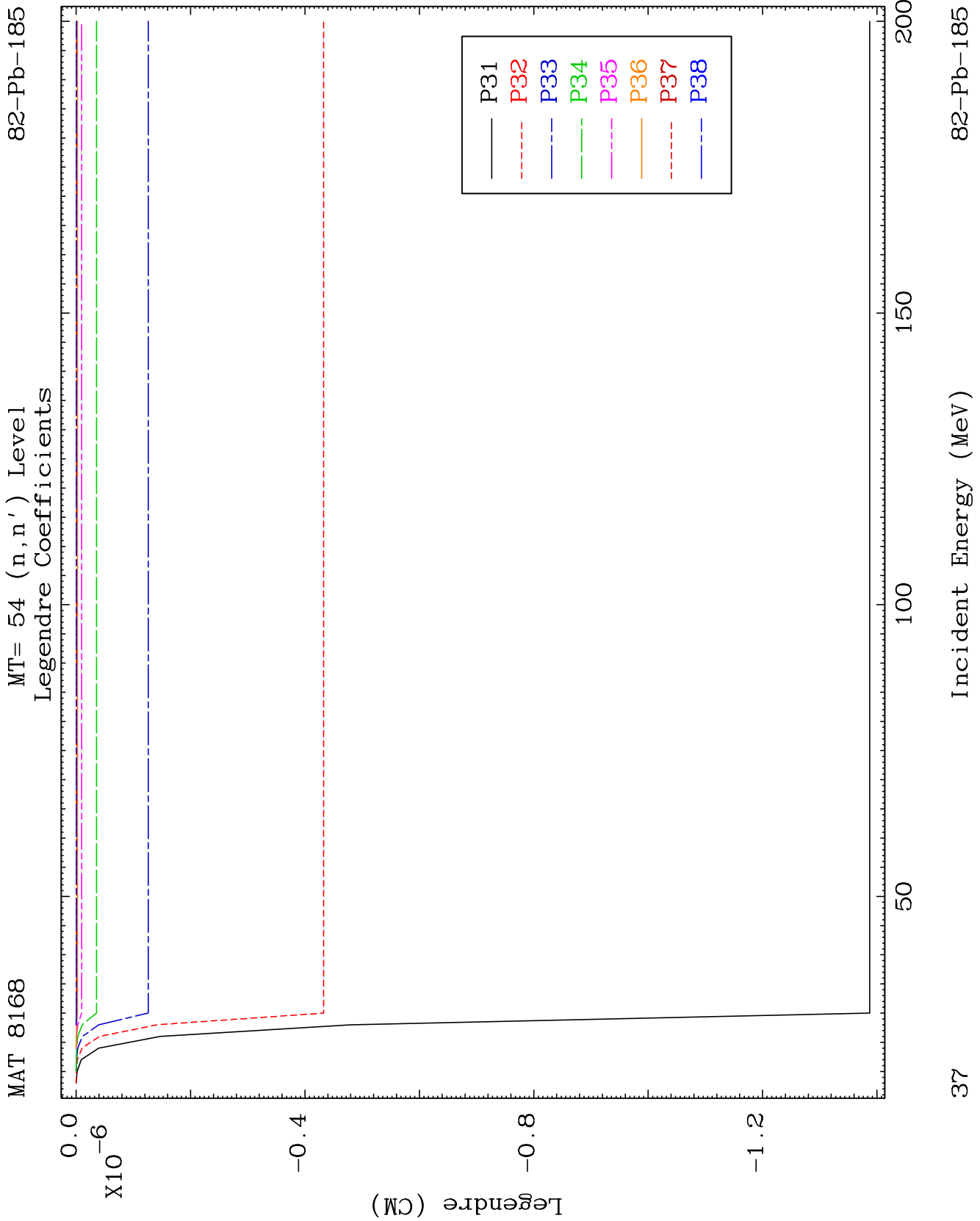
82-Pb-185



36

Incident Energy (MeV)

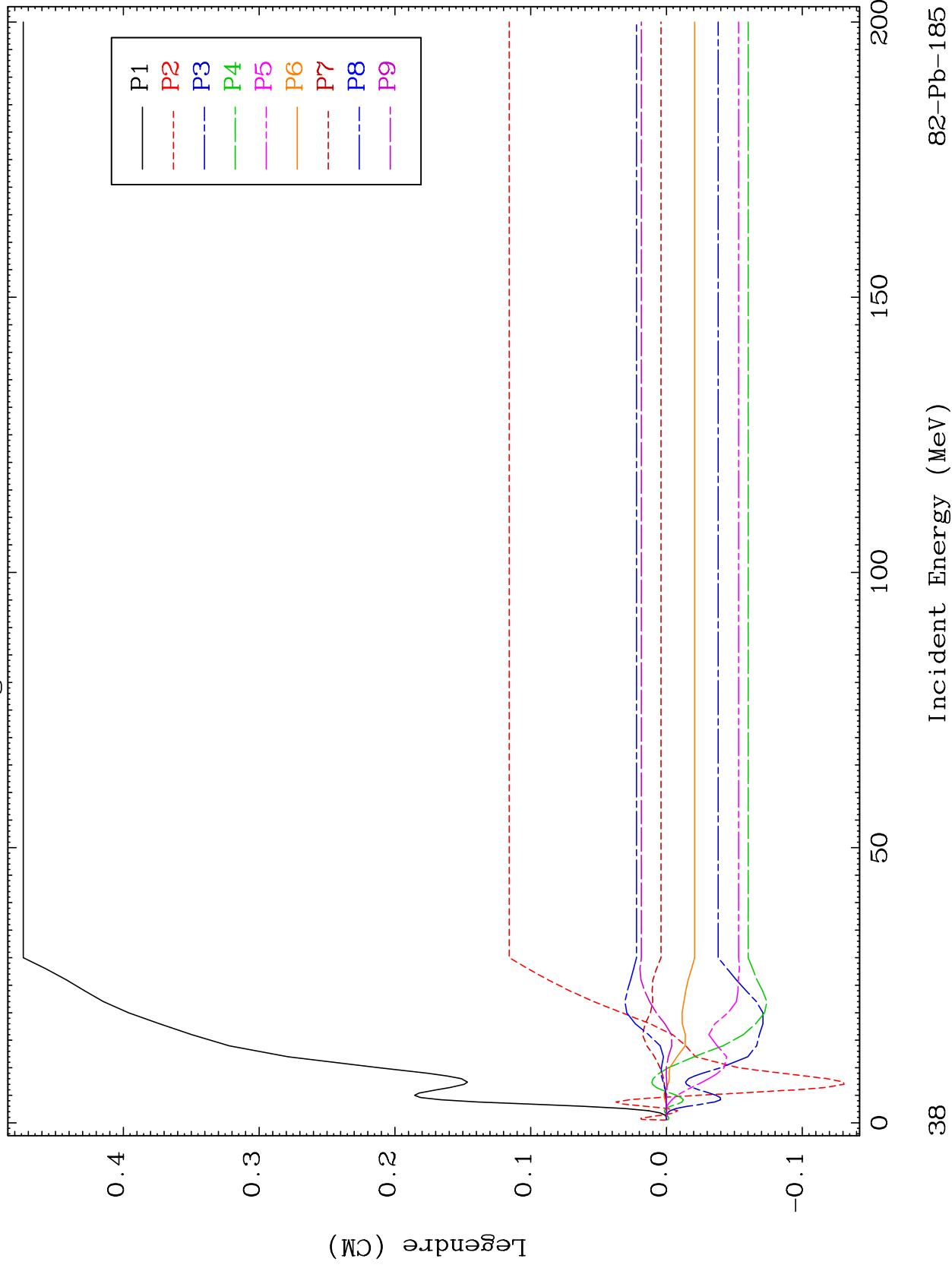
82-Pb-185



MAT 8168

MT= 55 (n,n') Level
Legendre Coefficients

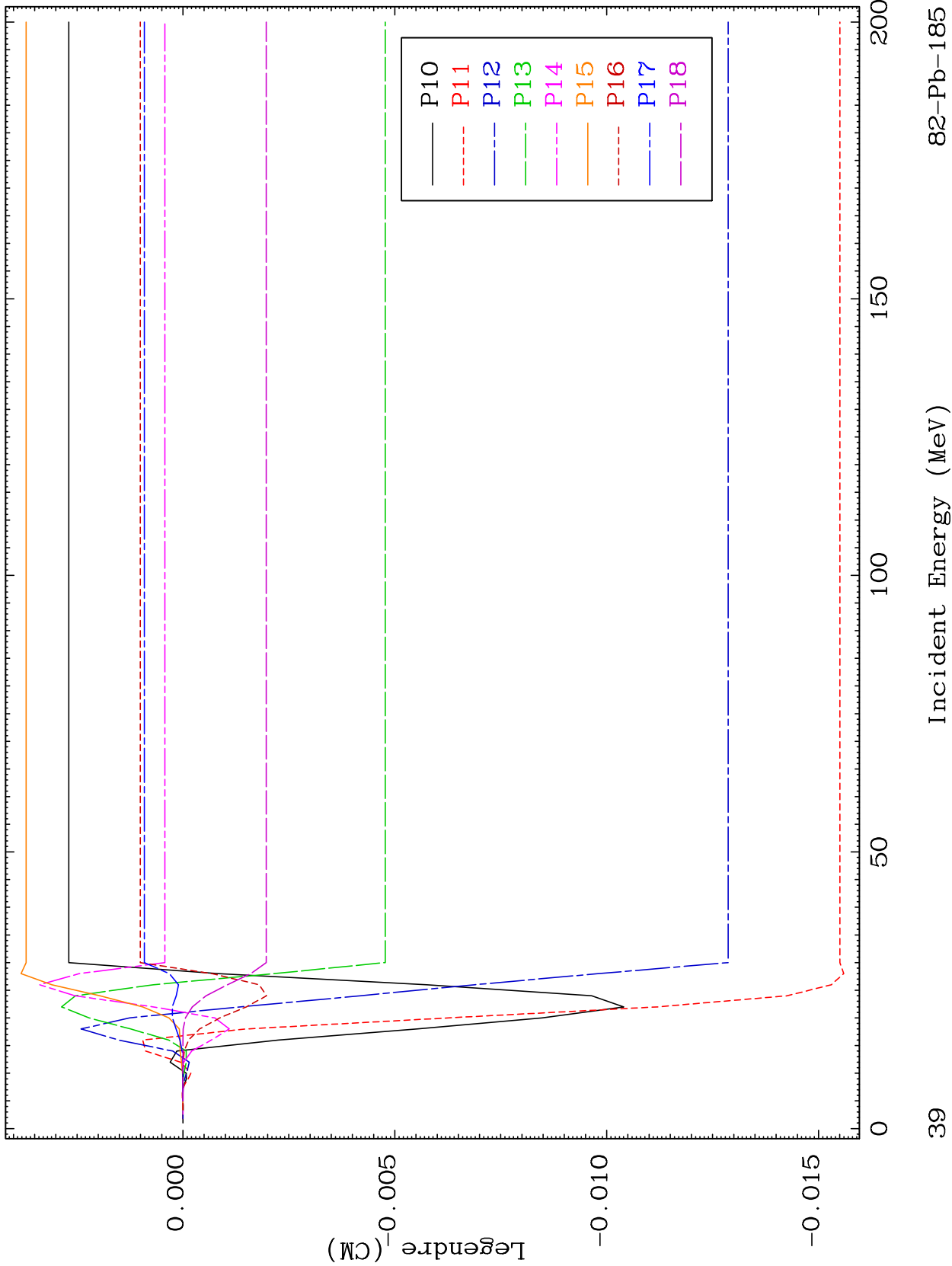
82-Pb-185



MAT 8168

MT= 55 (n,n') Level
Legendre Coefficients

82-Pb-185



39

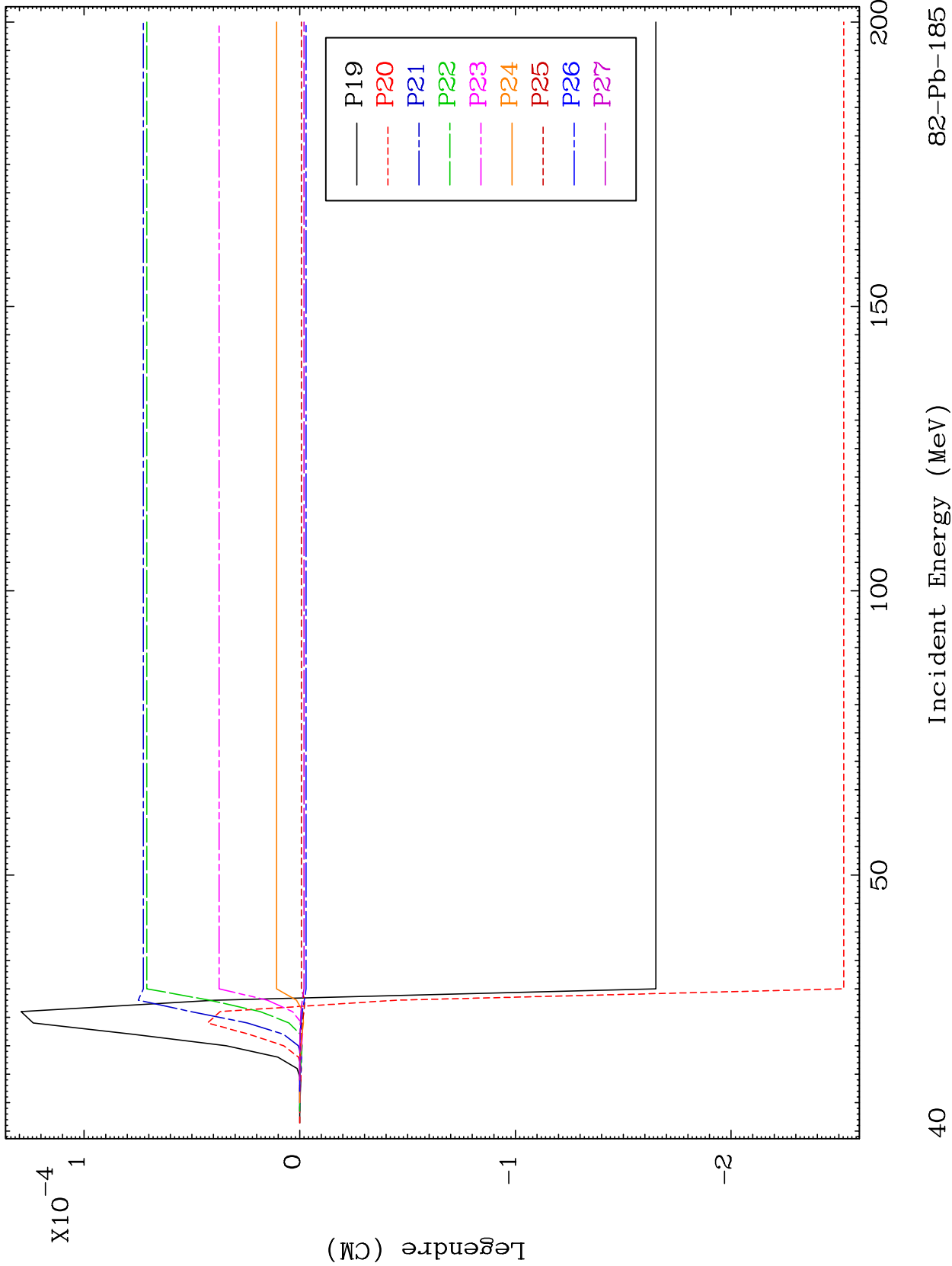
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 55 (n,n') Level
Legendre Coefficients

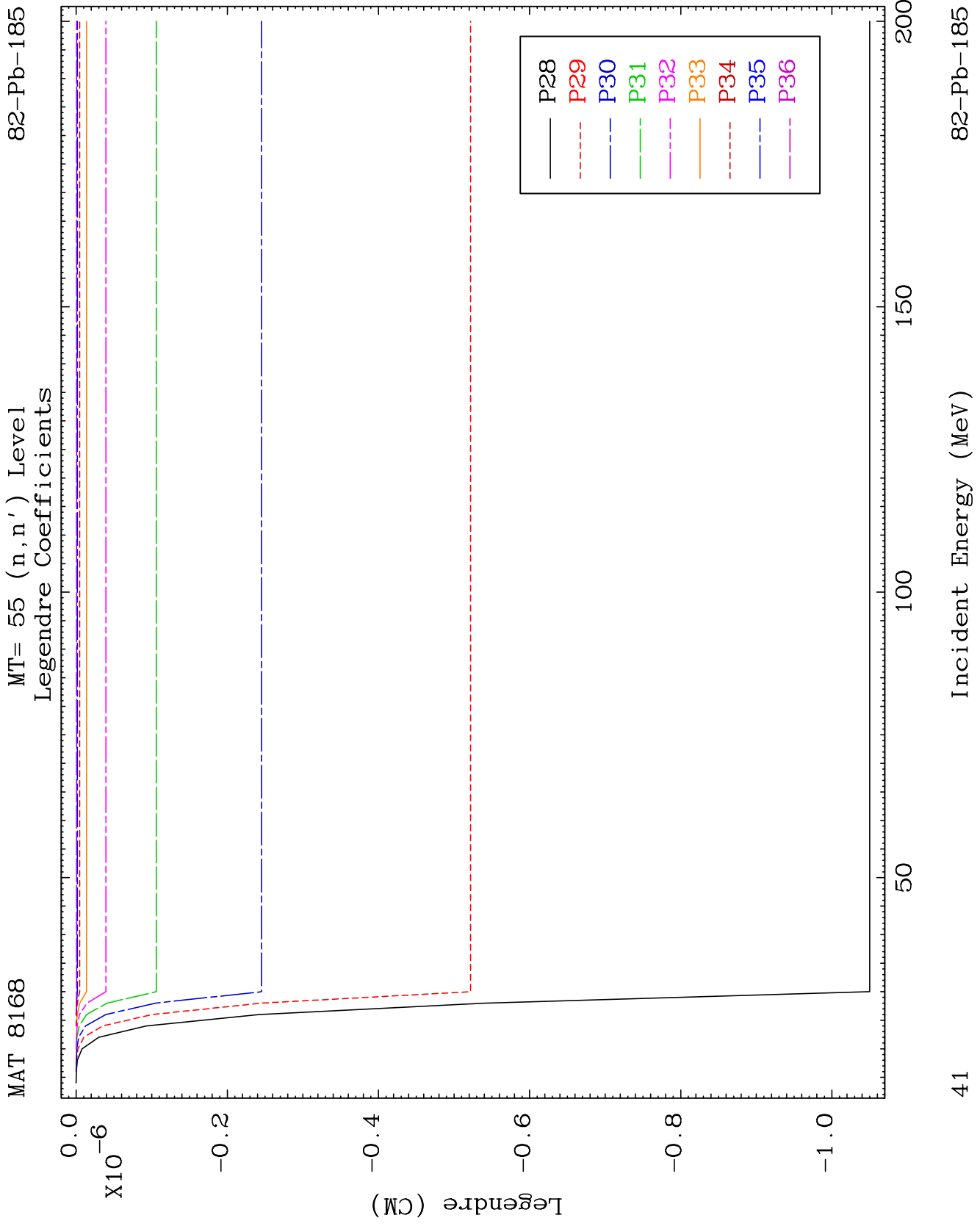
82-Pb-185



40

Incident Energy (MeV)

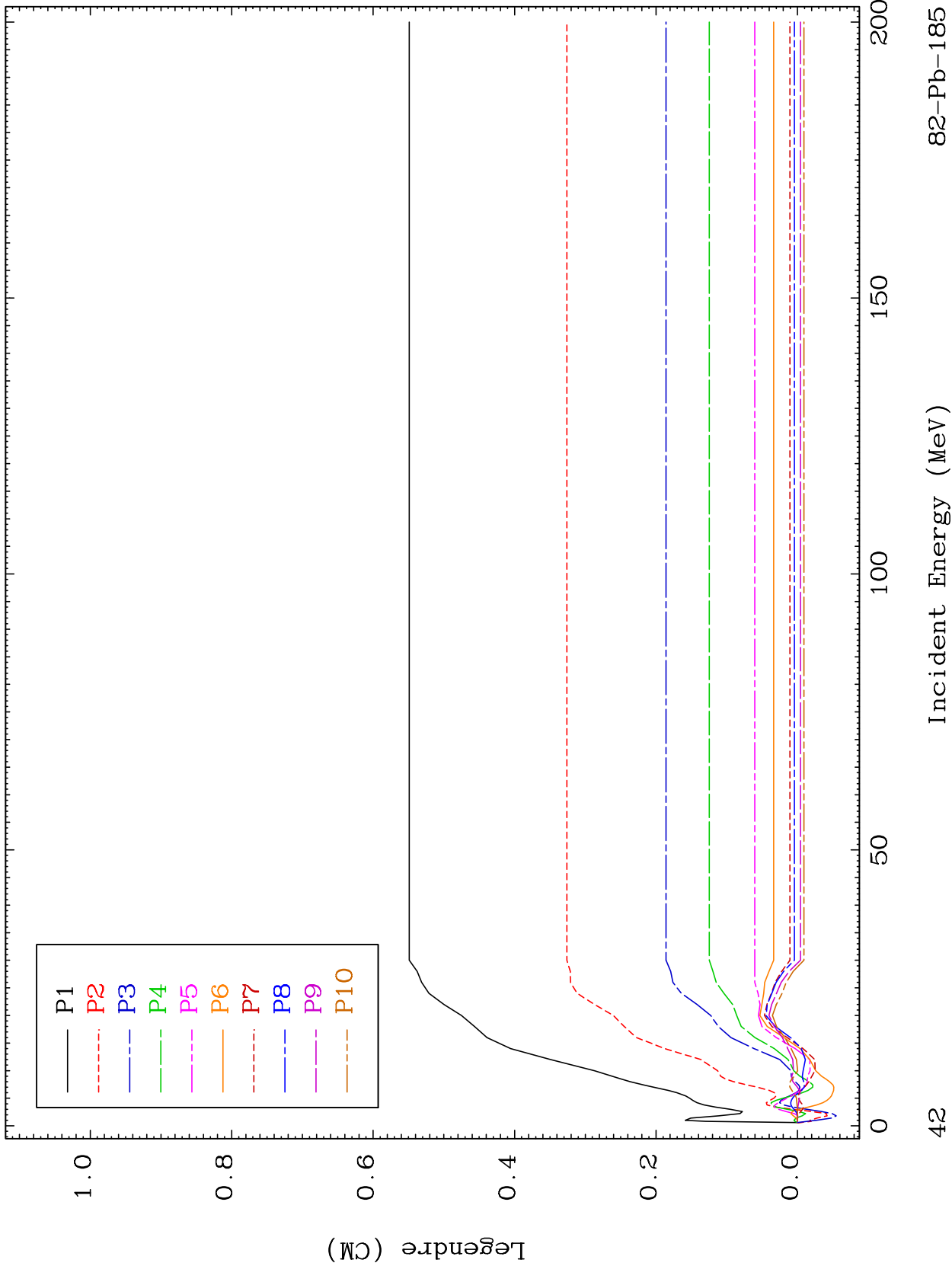
82-Pb-185



MAT 8168

MT= 56 (n,n') Level
Legendre Coefficients

82-Pb-185

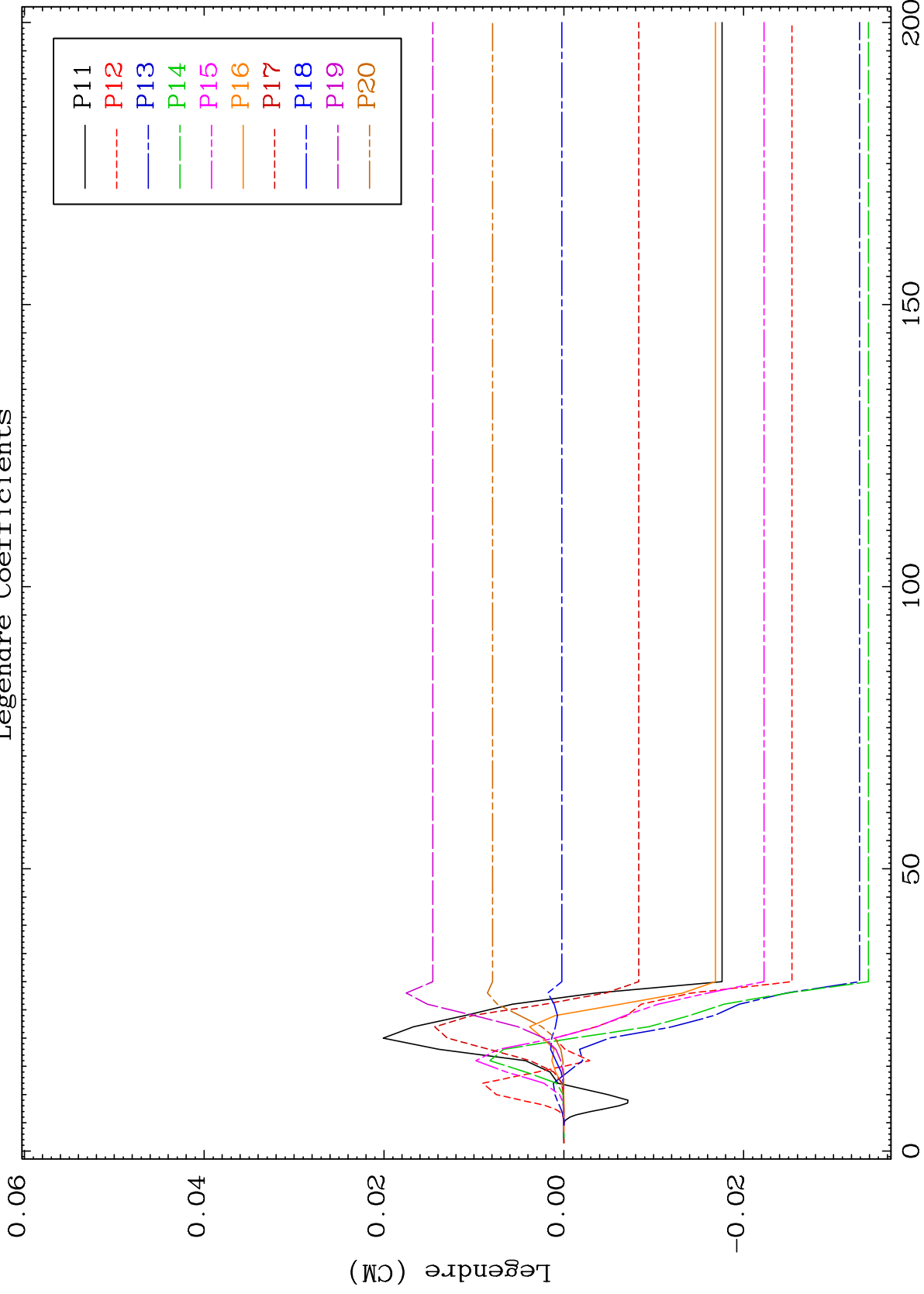


42

MAT 8168

MT= 56 (n,n') Level
Legendre Coefficients

82-Pb-185



43

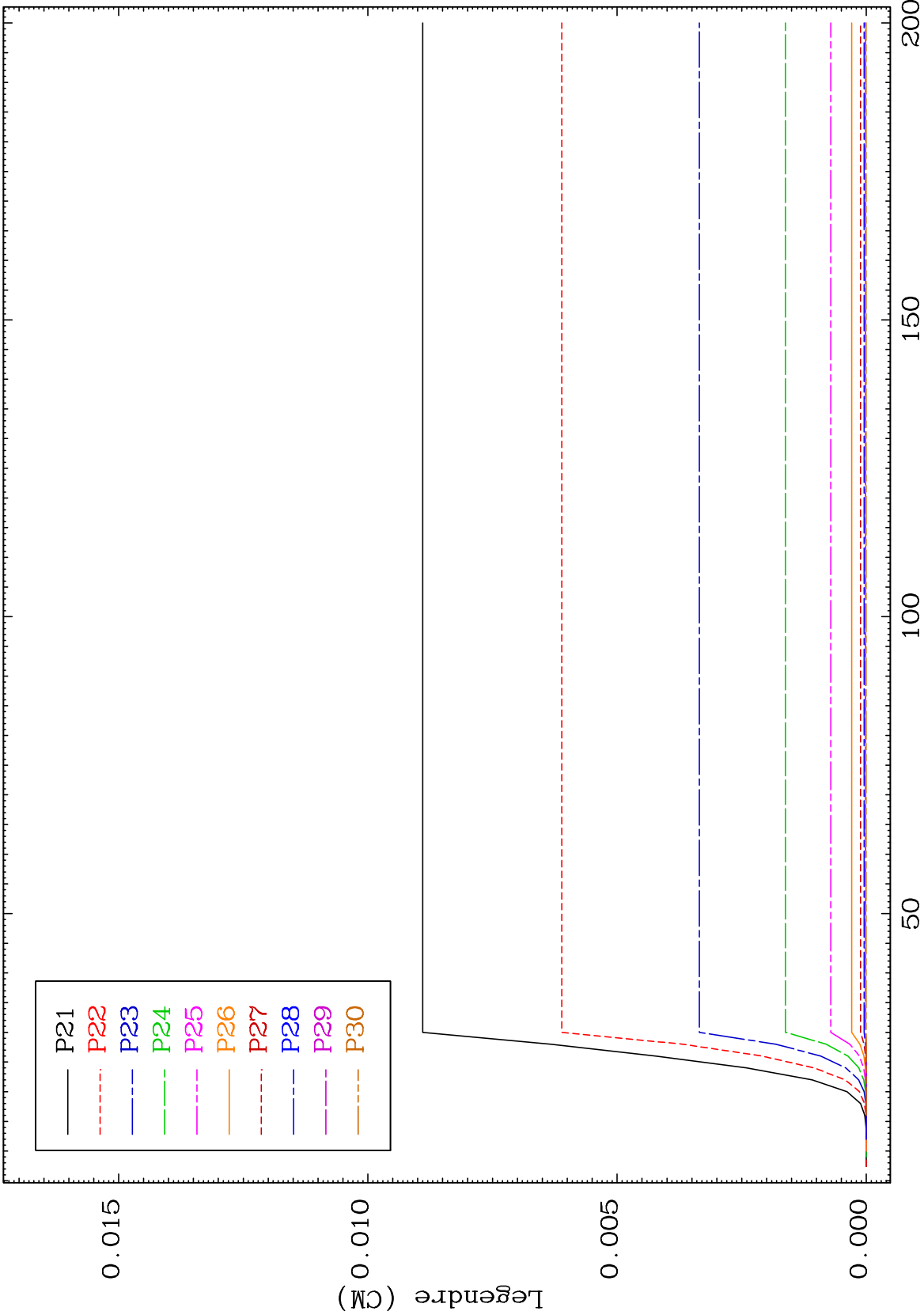
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 56 (n,n') Level
Legendre Coefficients

82-Pb-185



44

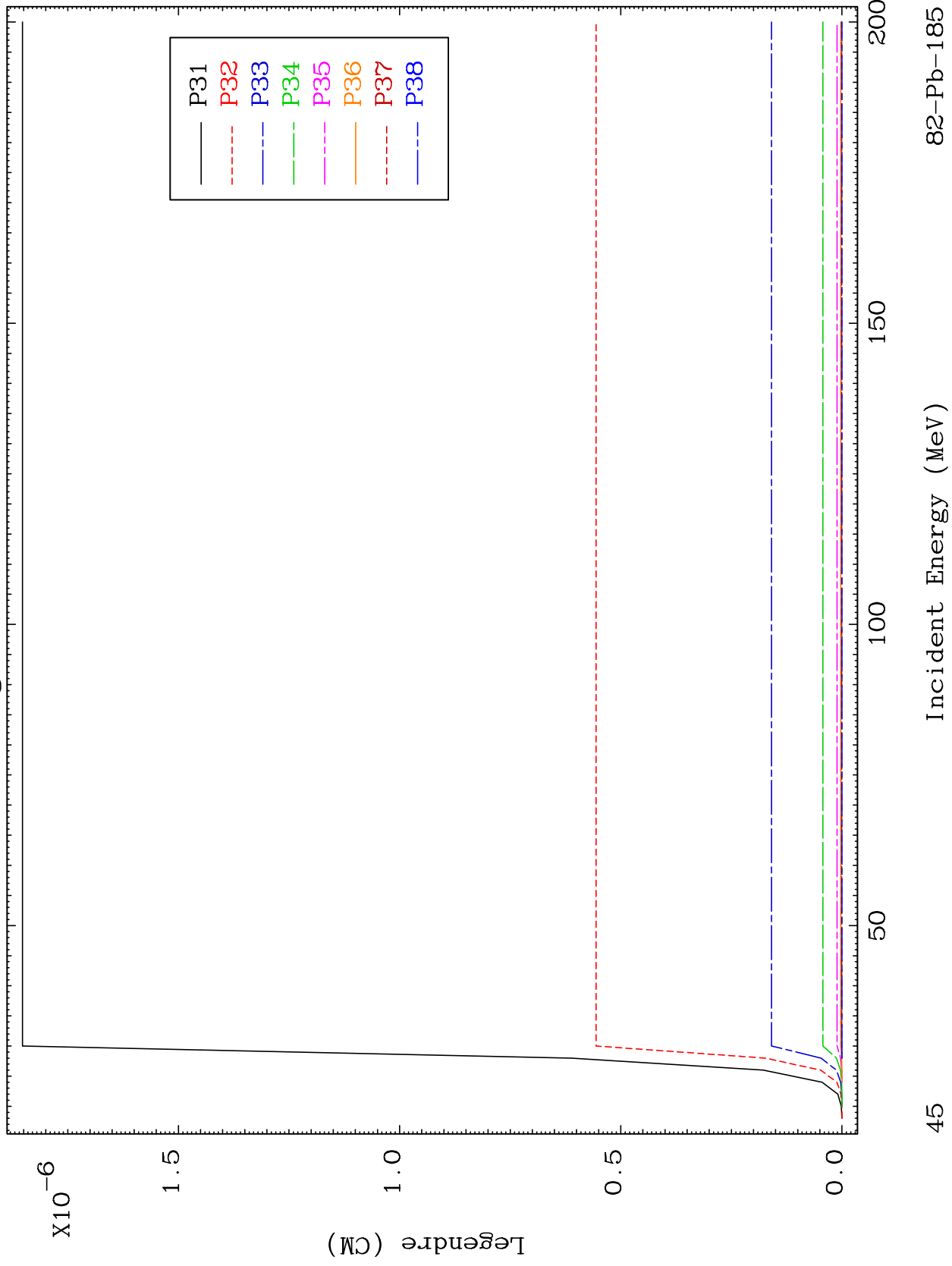
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 56 (n,n') Level
Legendre Coefficients

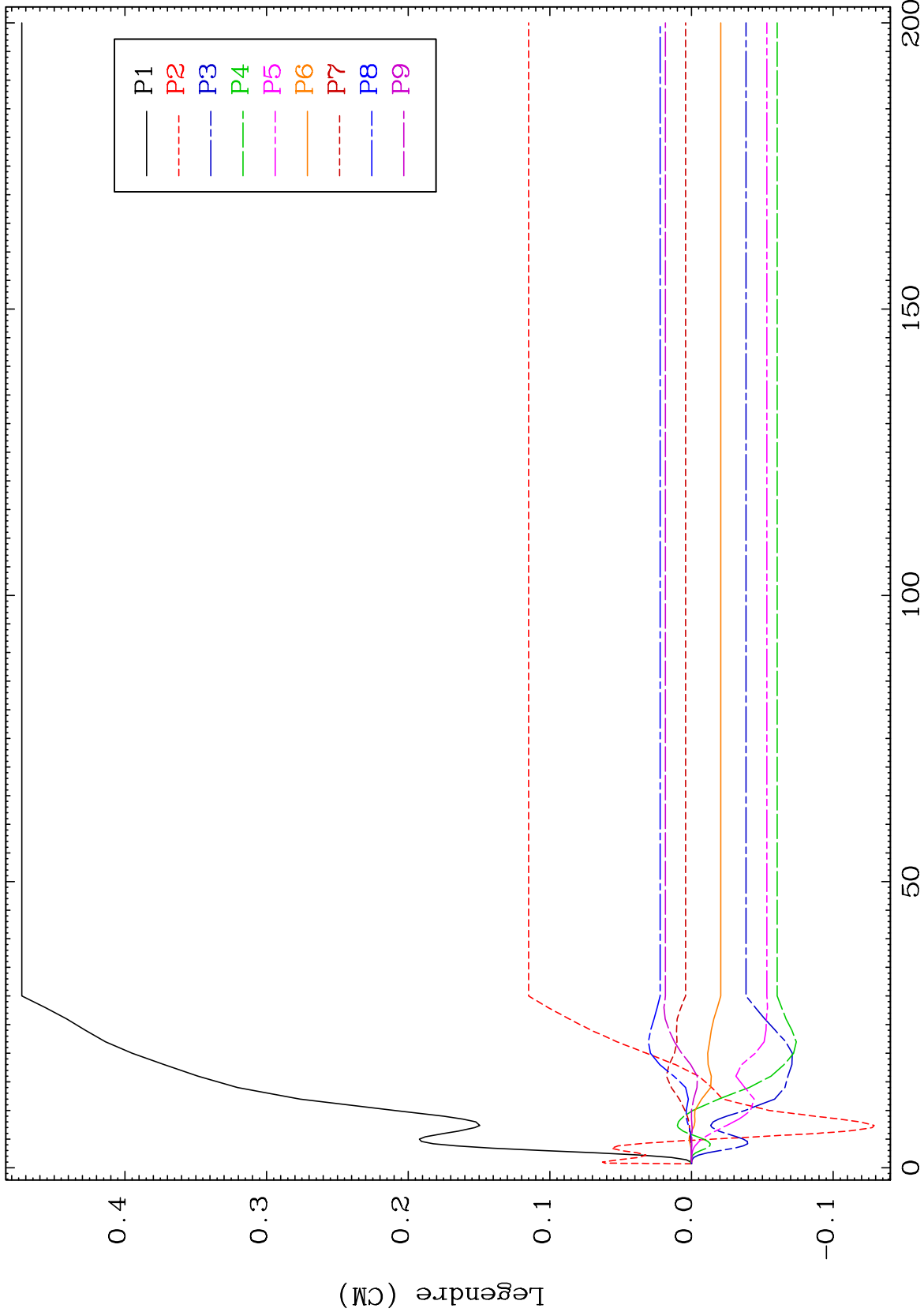
82-Pb-185



MAT 8168

MT= 57 (n,n') Level
Legendre Coefficients

82-Pb-185



46

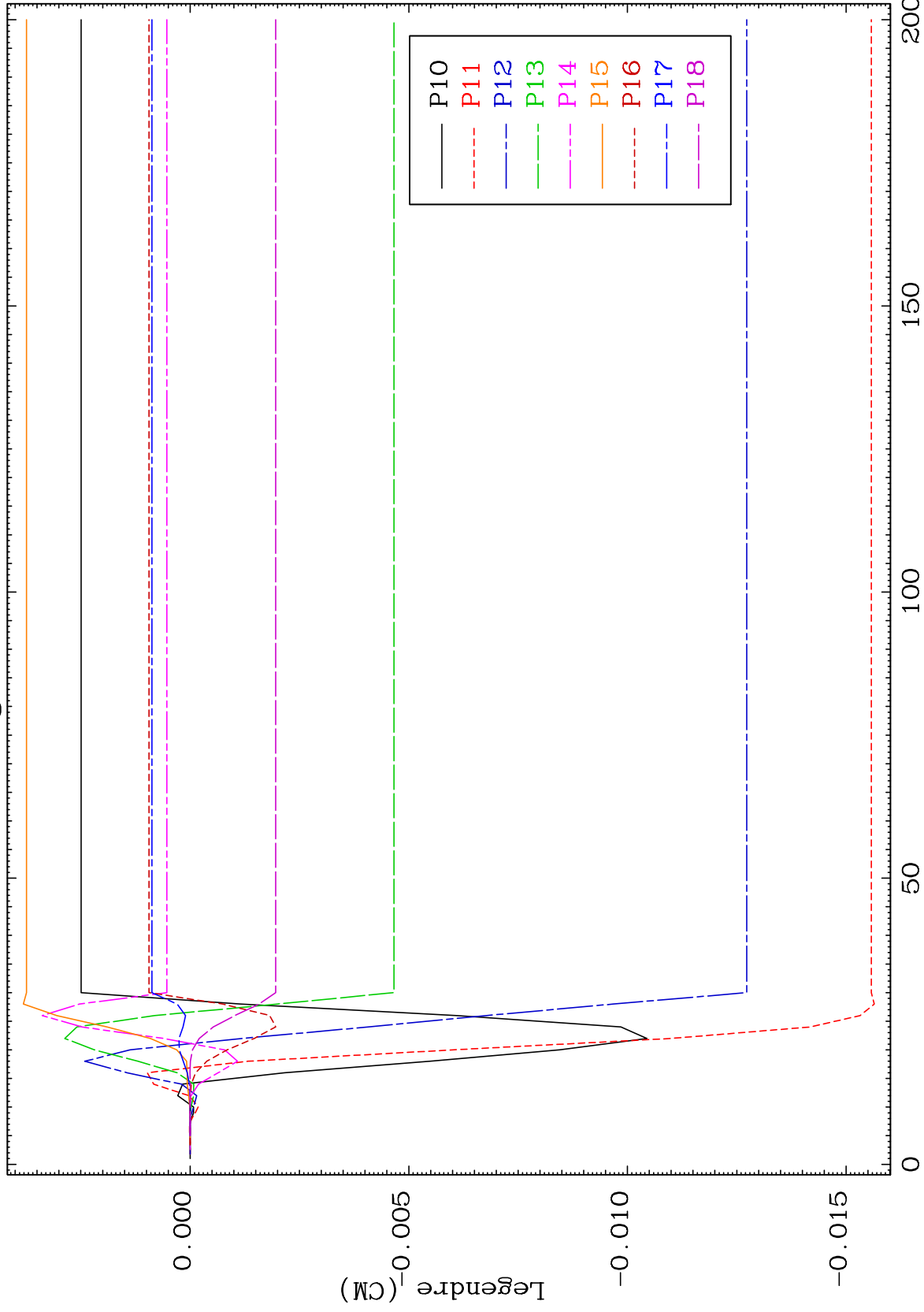
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 57 (n,n') Level
Legendre Coefficients

82-Pb-185



47

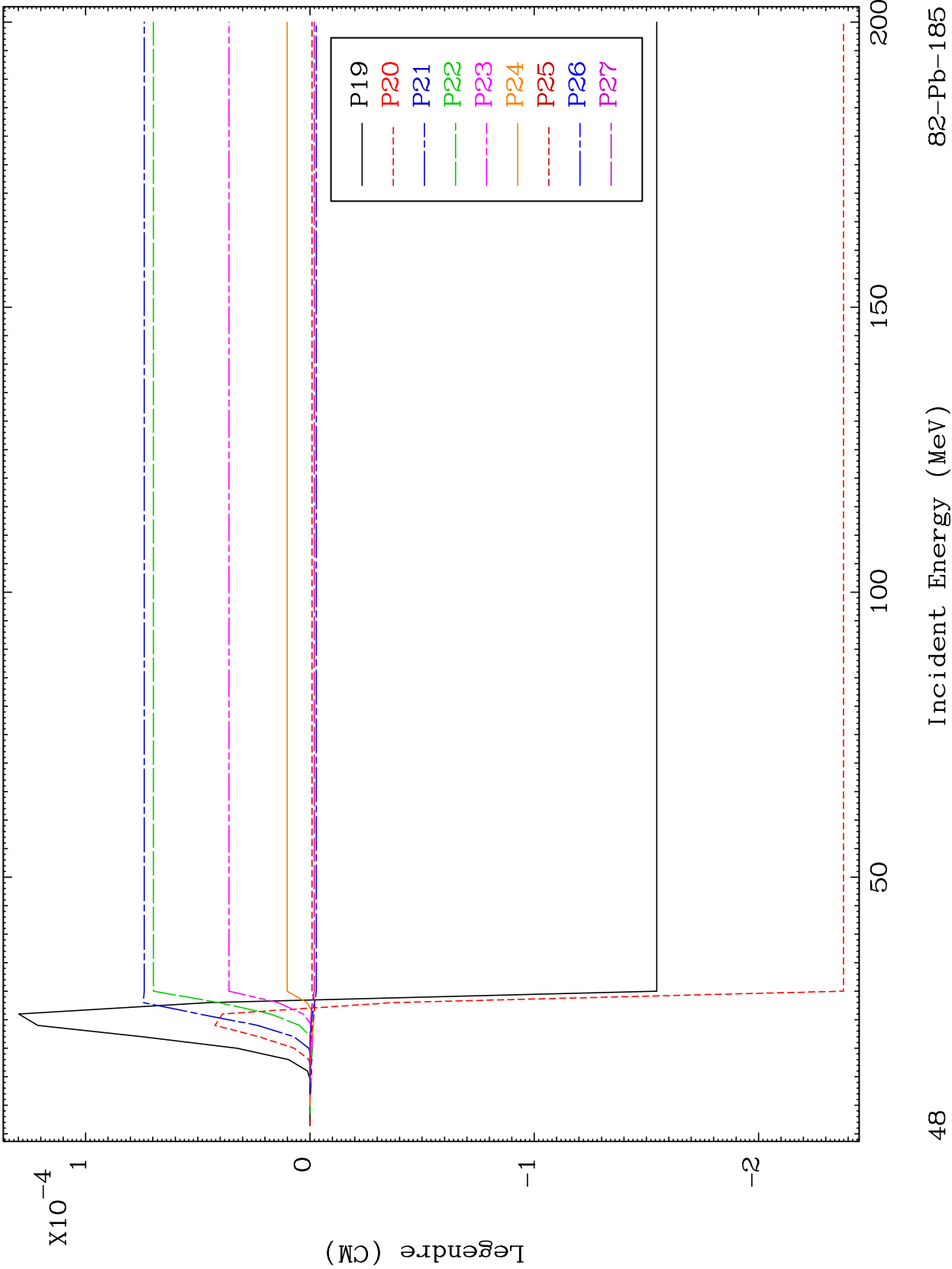
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 57 (n,n') Level
Legendre Coefficients

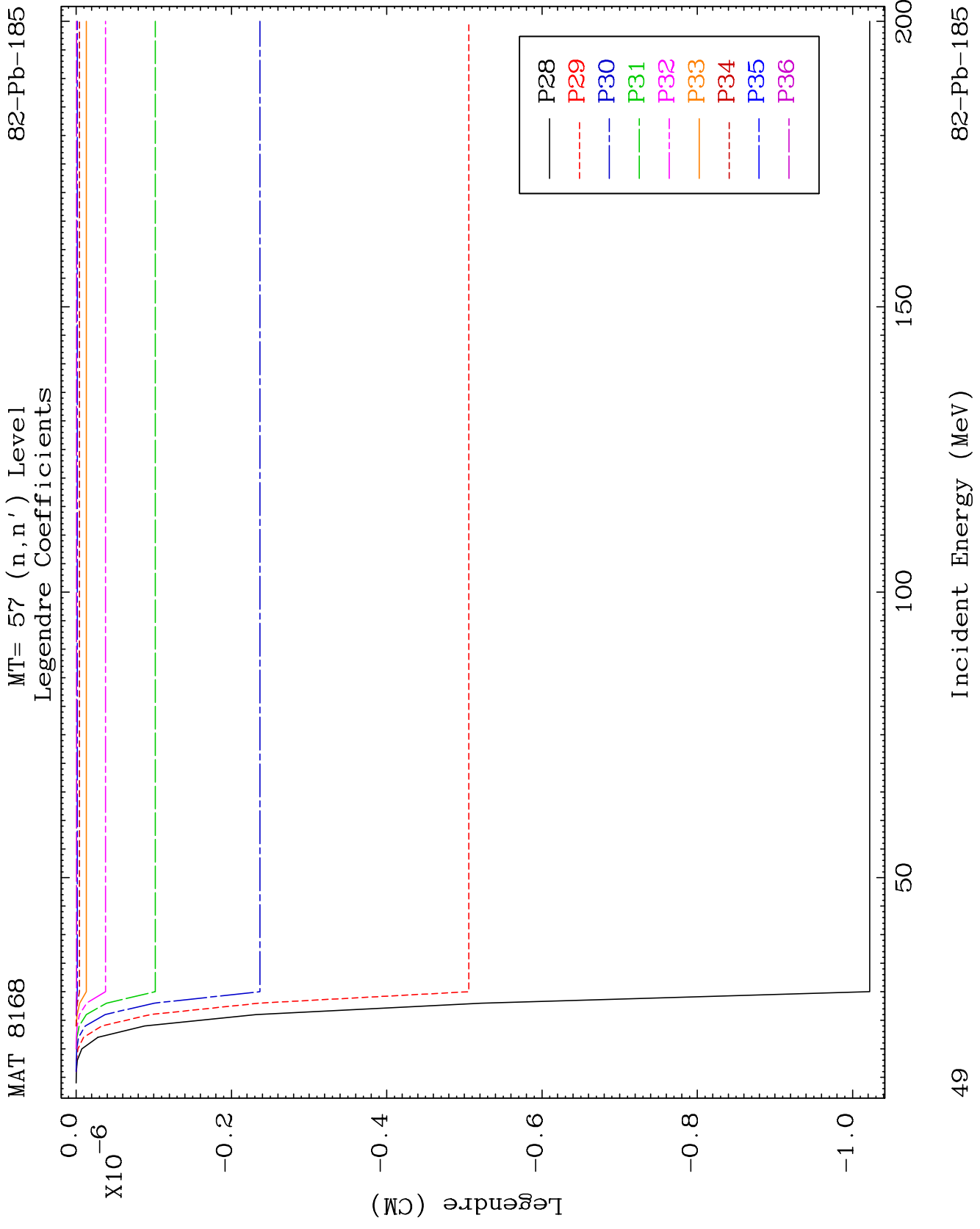
82-Pb-185



48

Incident Energy (MeV)

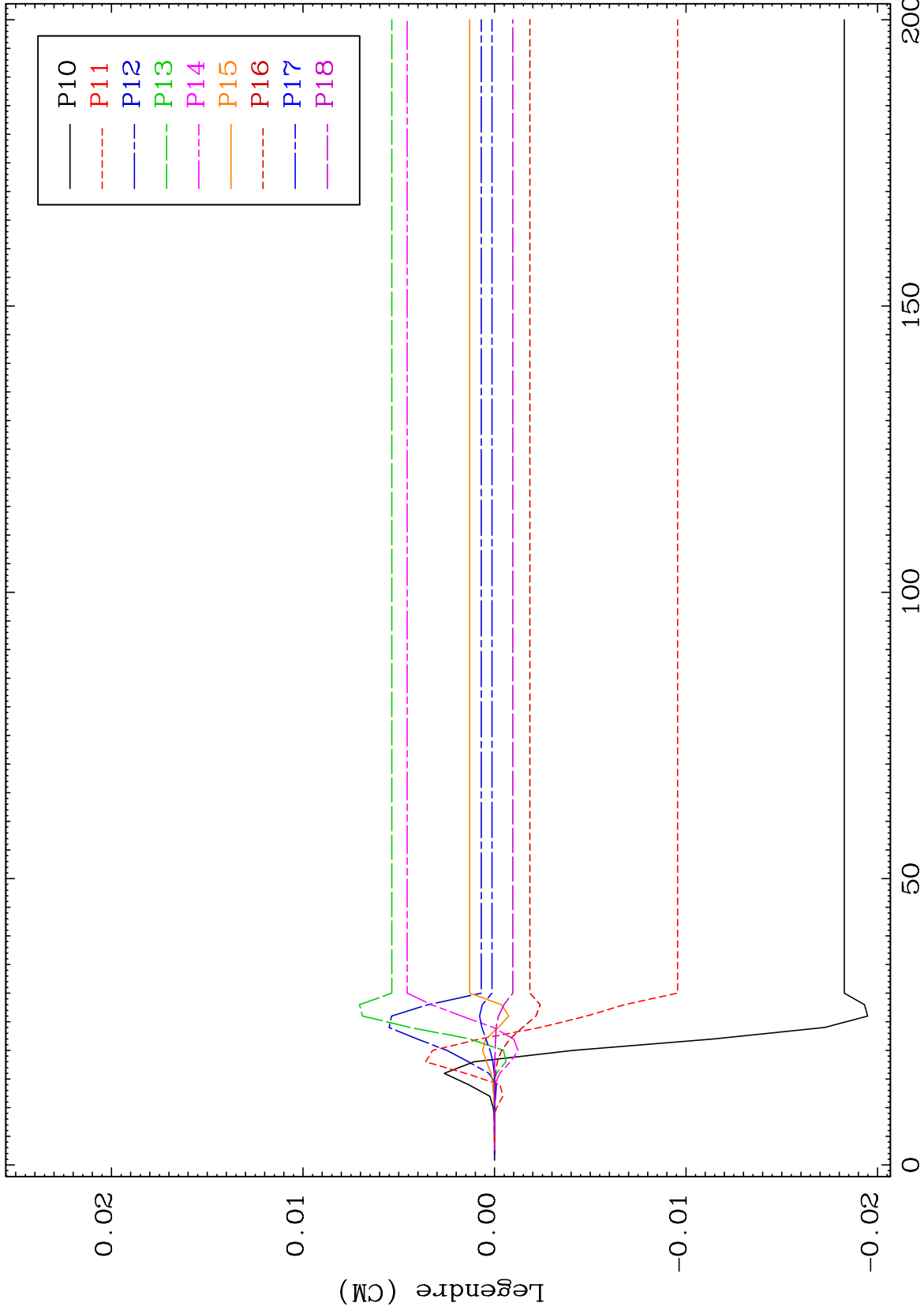
82-Pb-185



MAT 8168

MT= 58 (n,n') Level
Legendre Coefficients

82-Pb-185



51

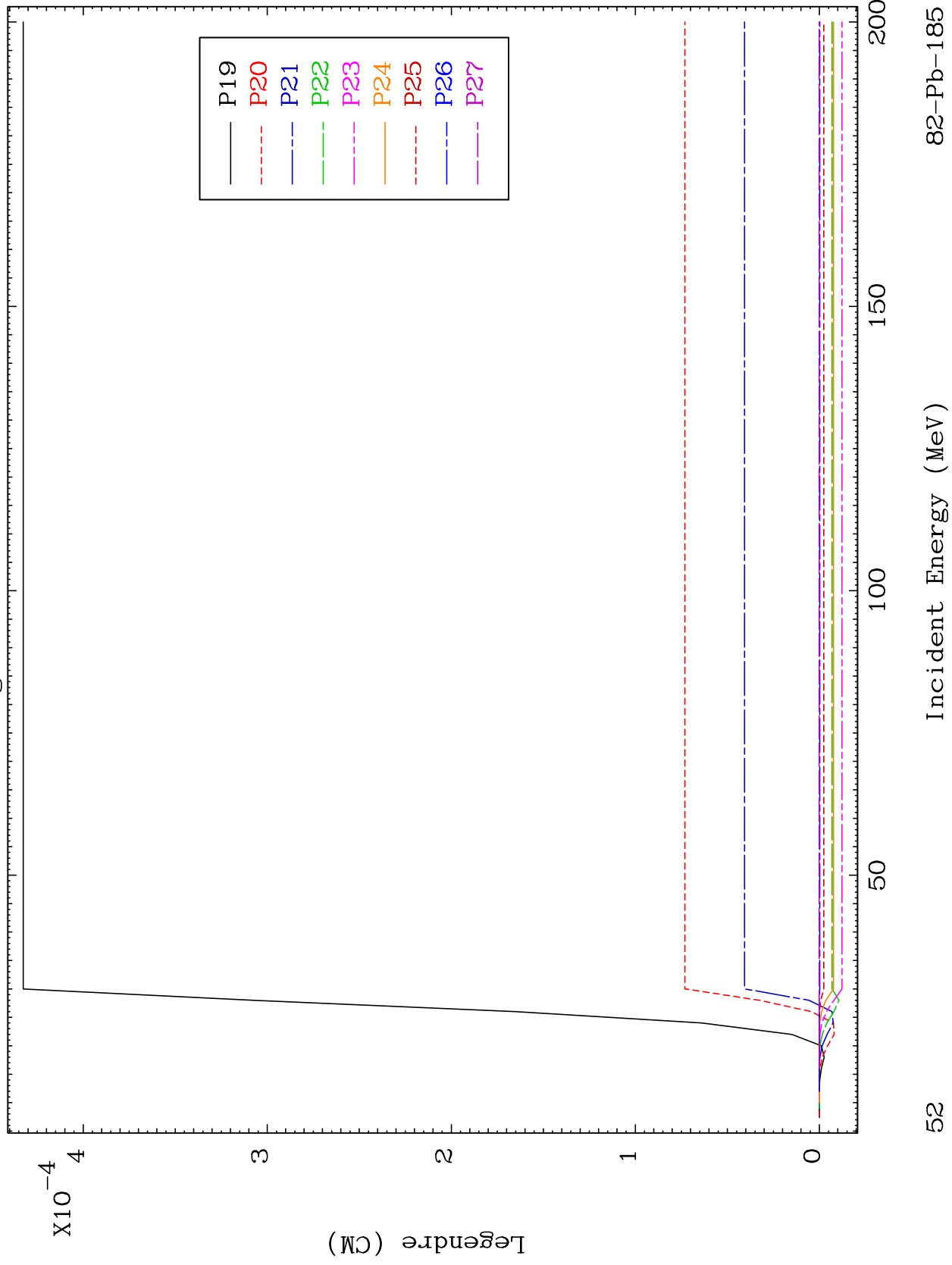
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 58 (n,n') Level
Legendre Coefficients

82-Pb-185



52

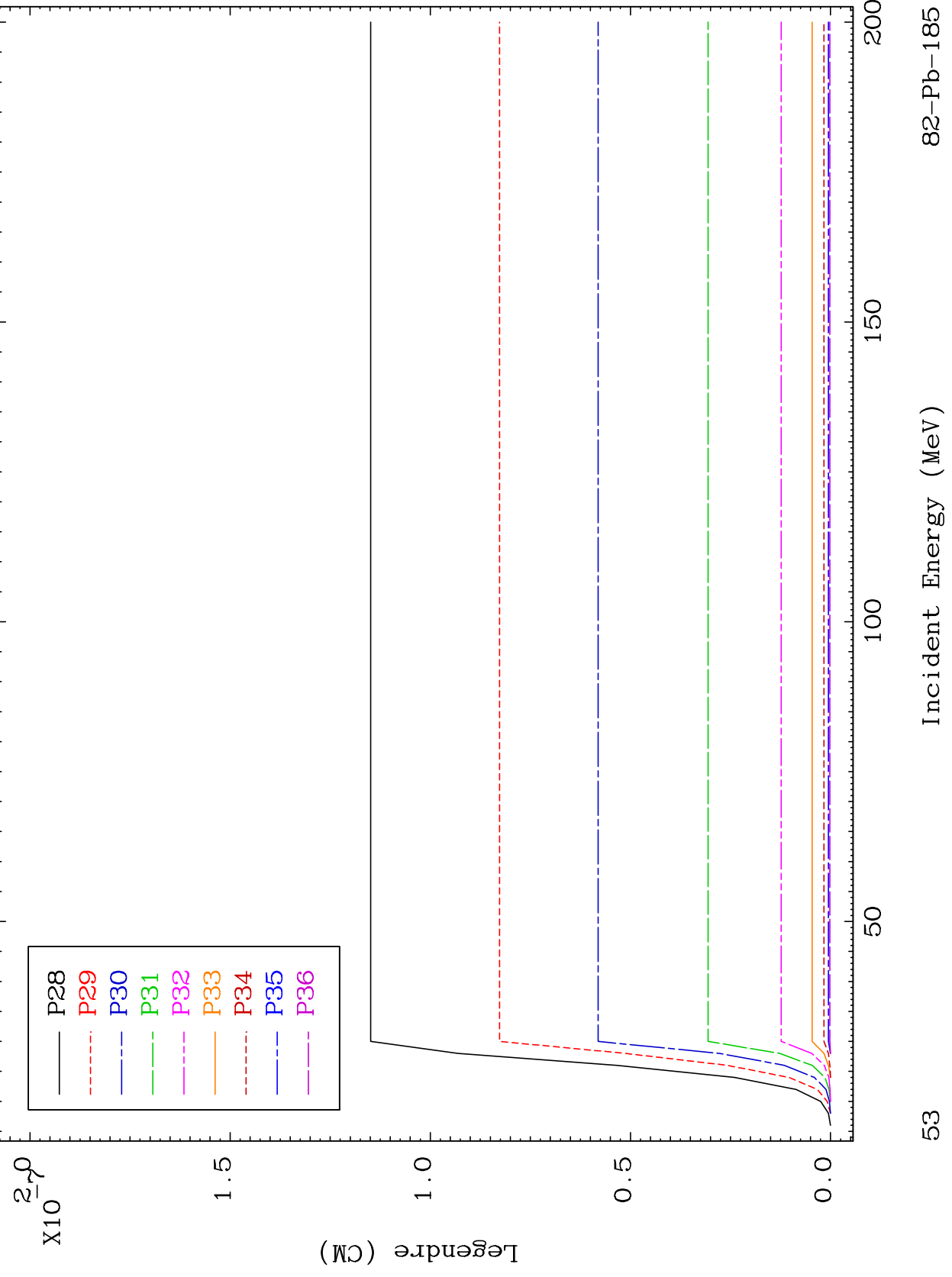
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 58 (n,n') Level
Legendre Coefficients

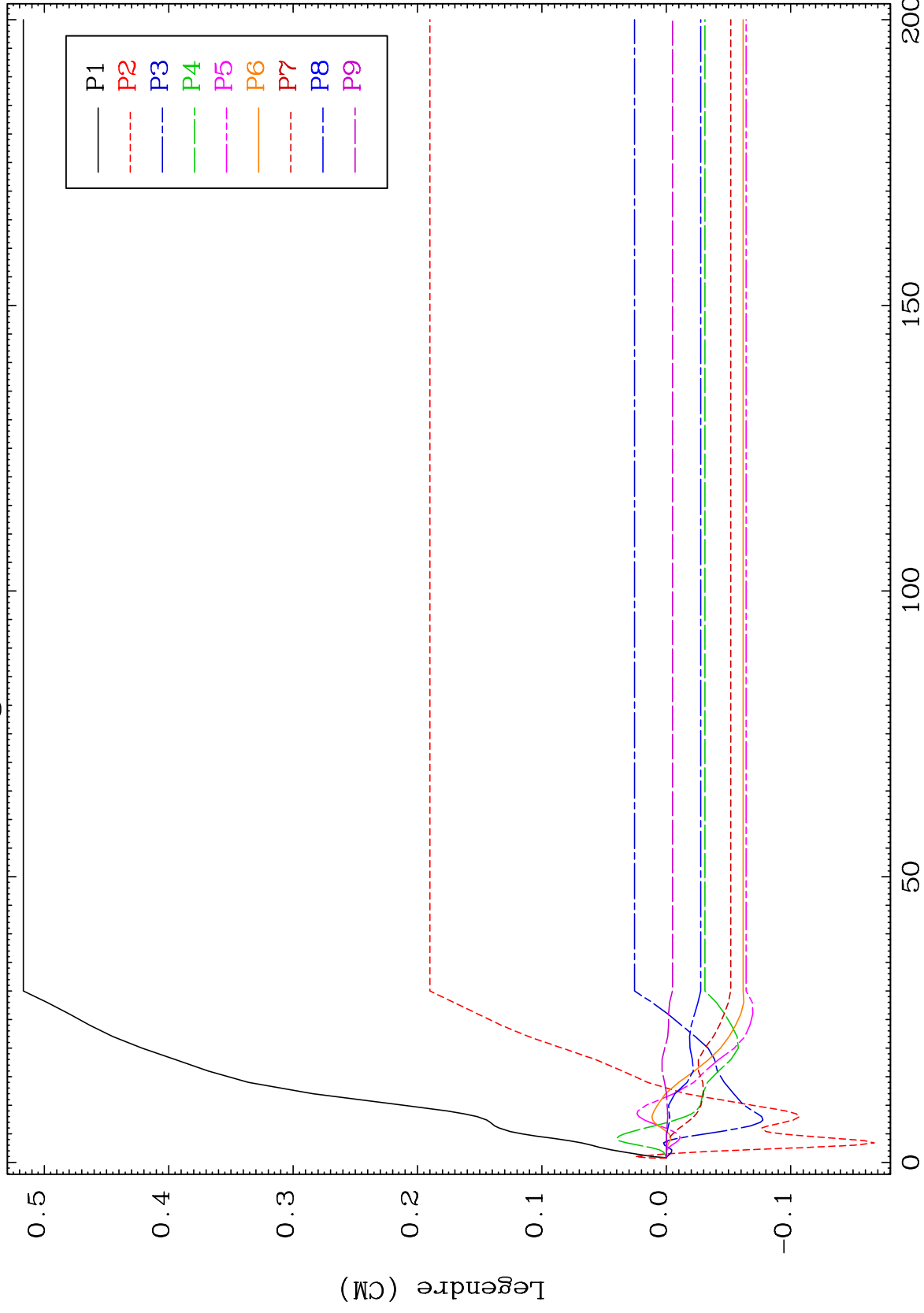
82-Pb-185



MAT 8168

MT= 59 (n,n') Level
Legendre Coefficients

82-Pb-185



54

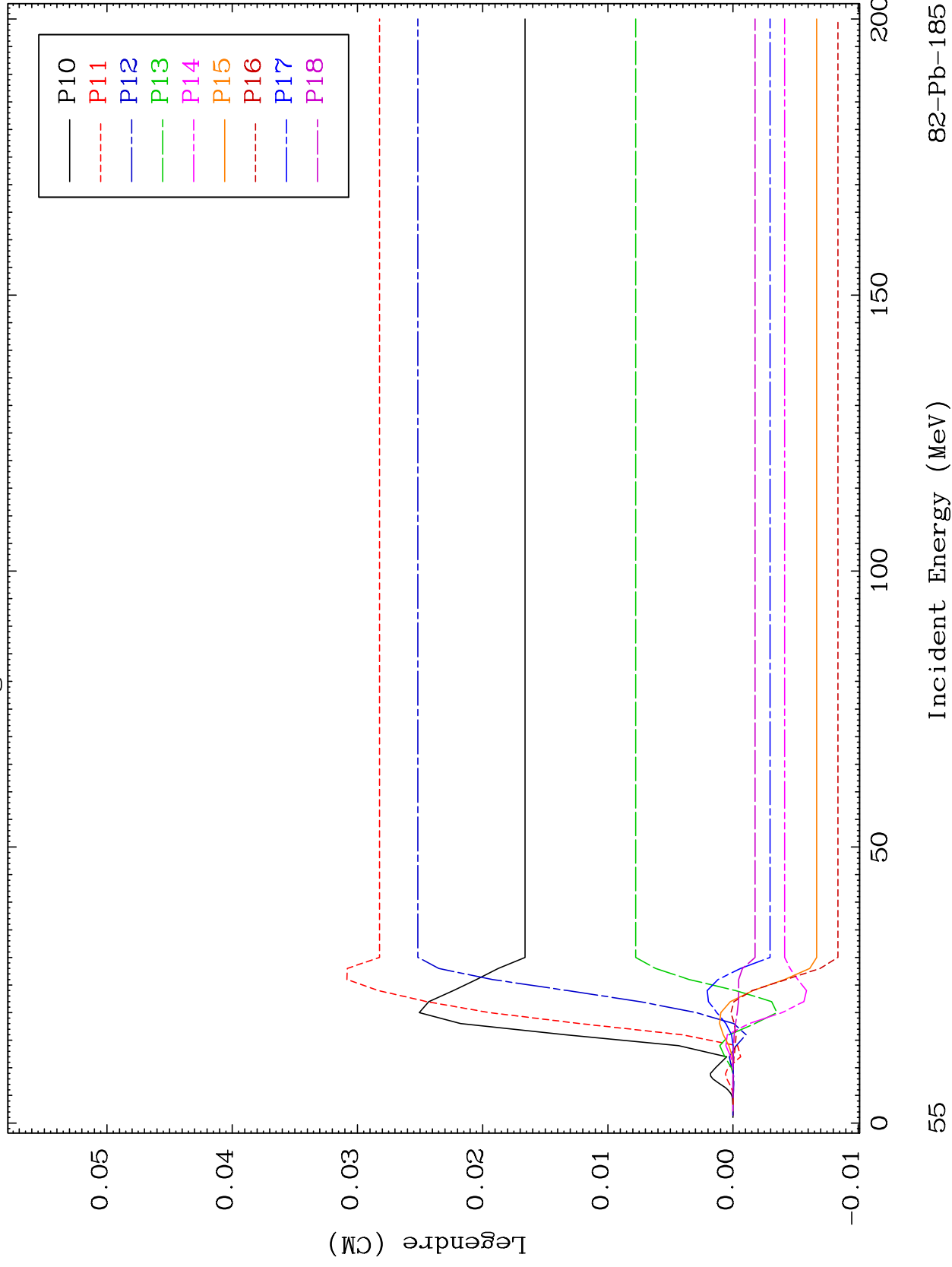
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 59 (n,n') Level
Legendre Coefficients

82-Pb-185



82-Pb-185

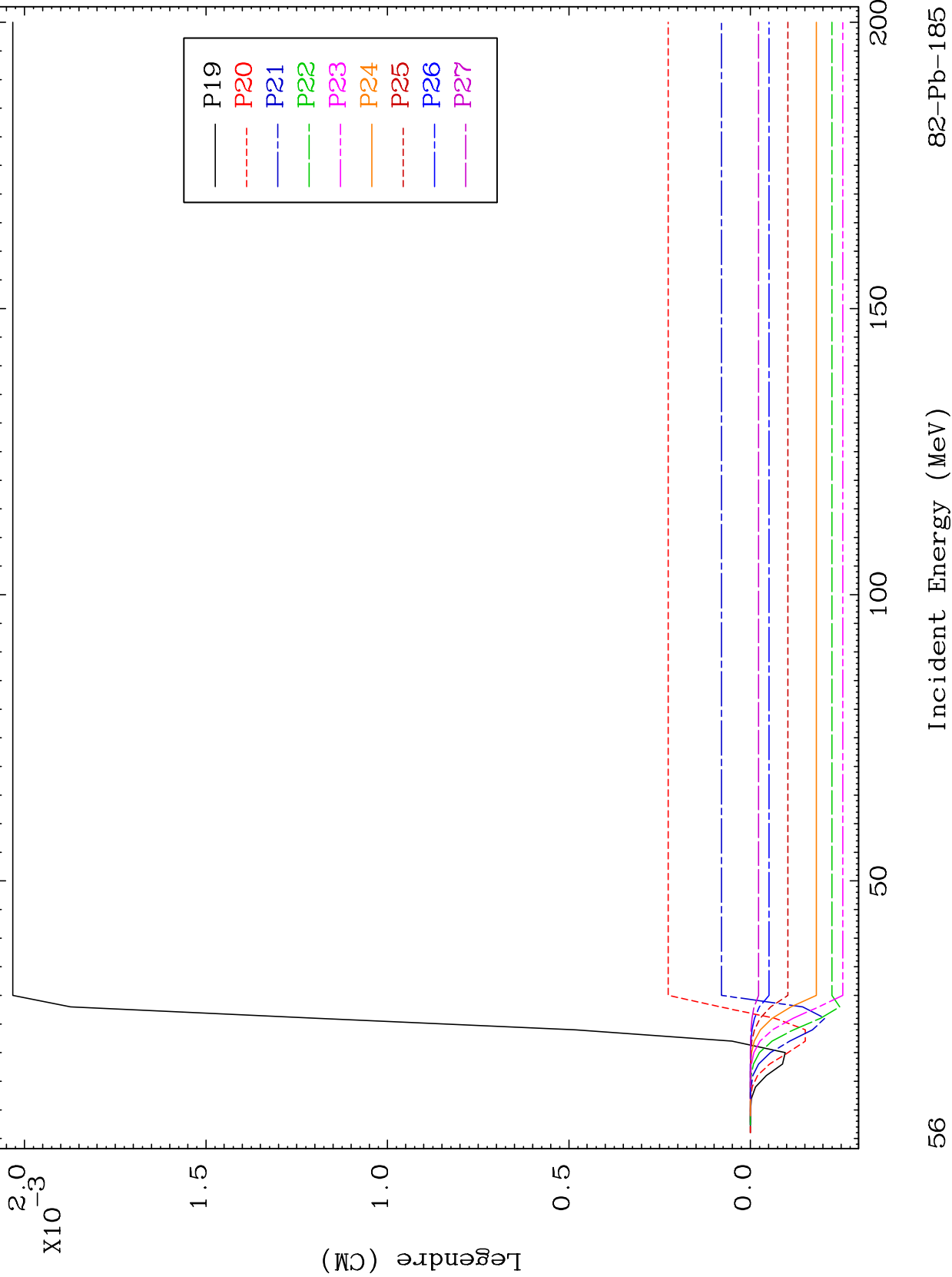
Incident Energy (MeV)

55

MAT 8168

MT= 59 (n,n') Level
Legendre Coefficients

82-Pb-185



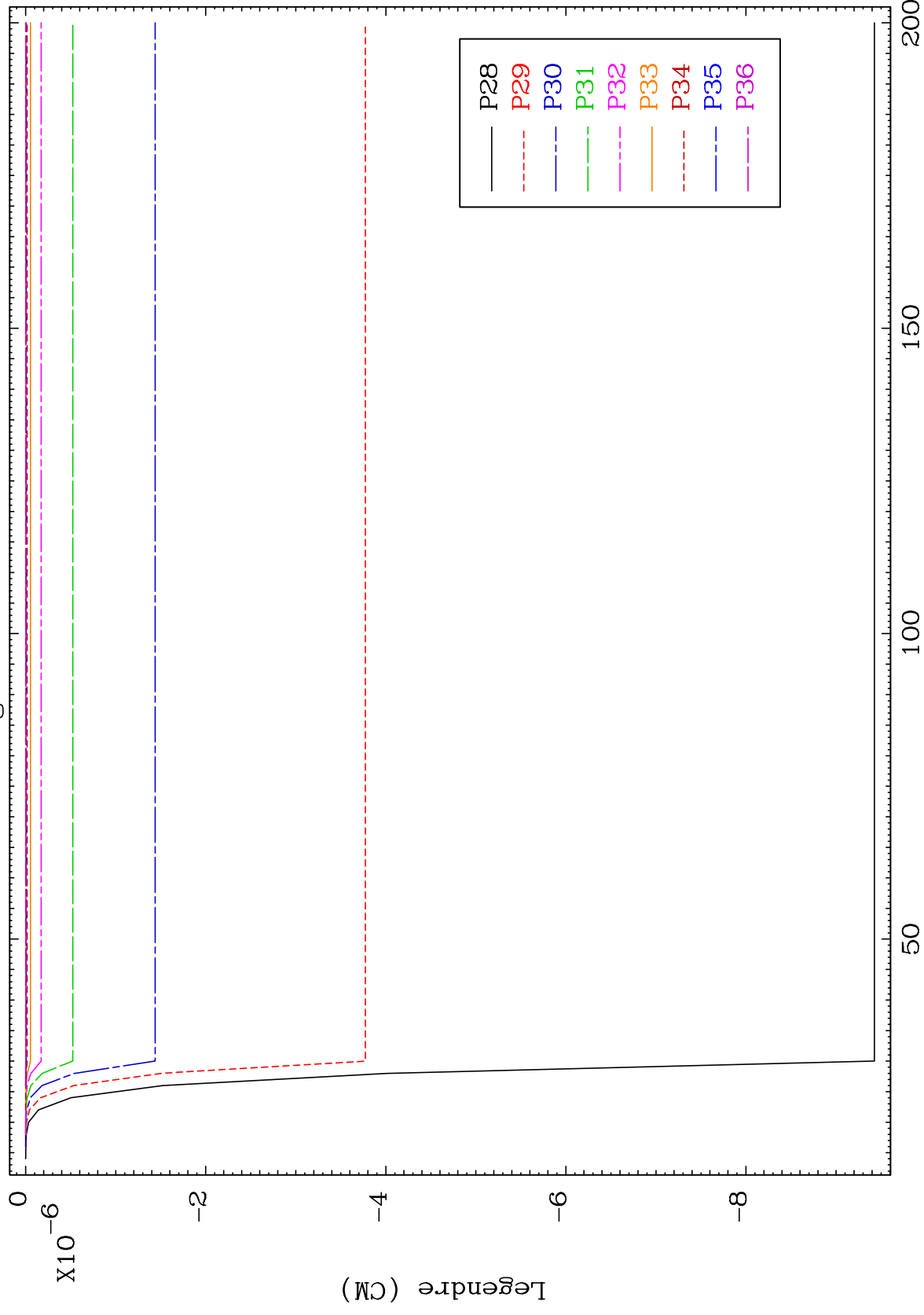
56

82-Pb-185

MAT 8168

MT= 59 (n,n') Level
Legendre Coefficients

82-Pb-185



57

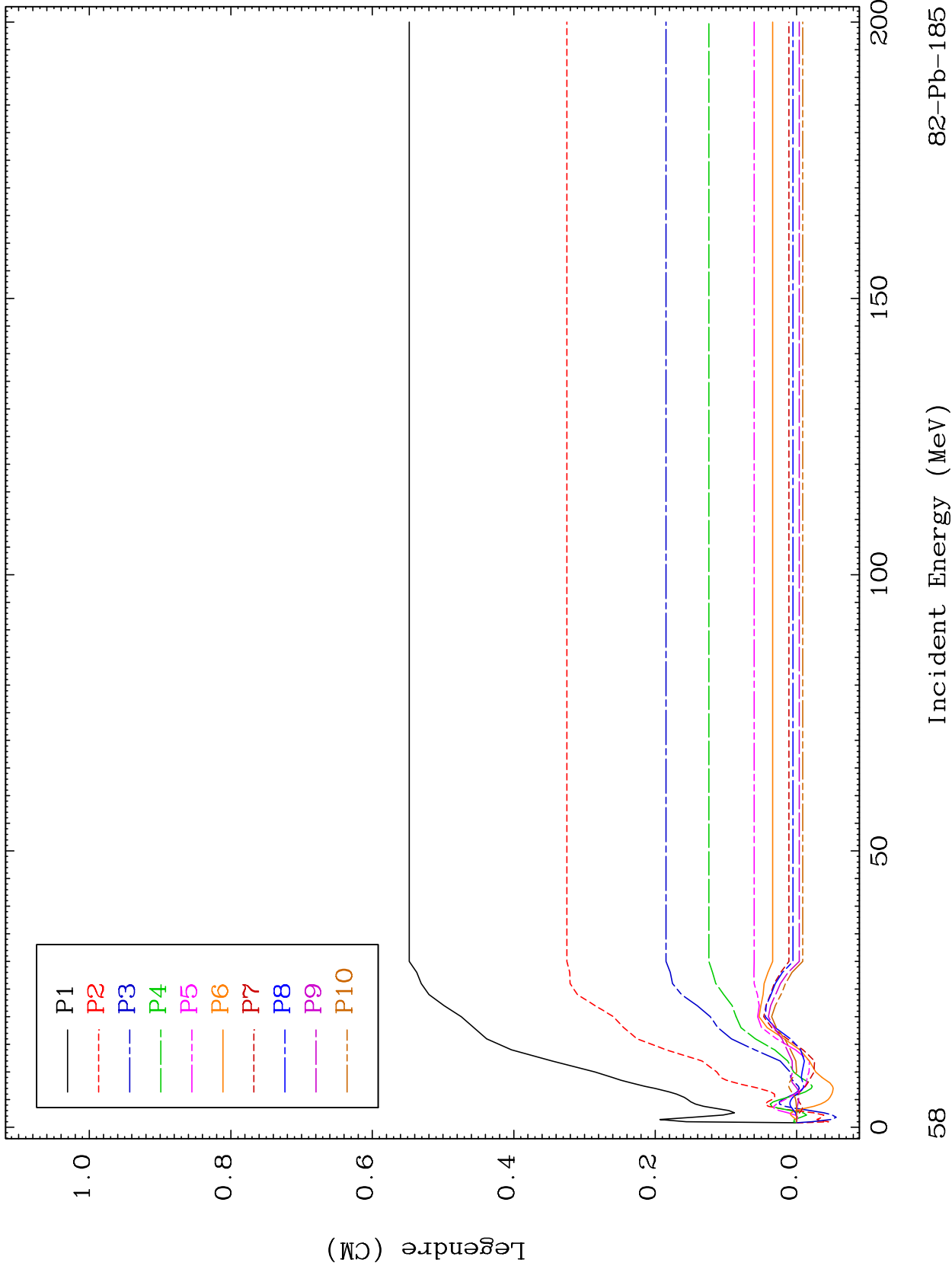
Incident Energy (MeV)

82-Pb-185

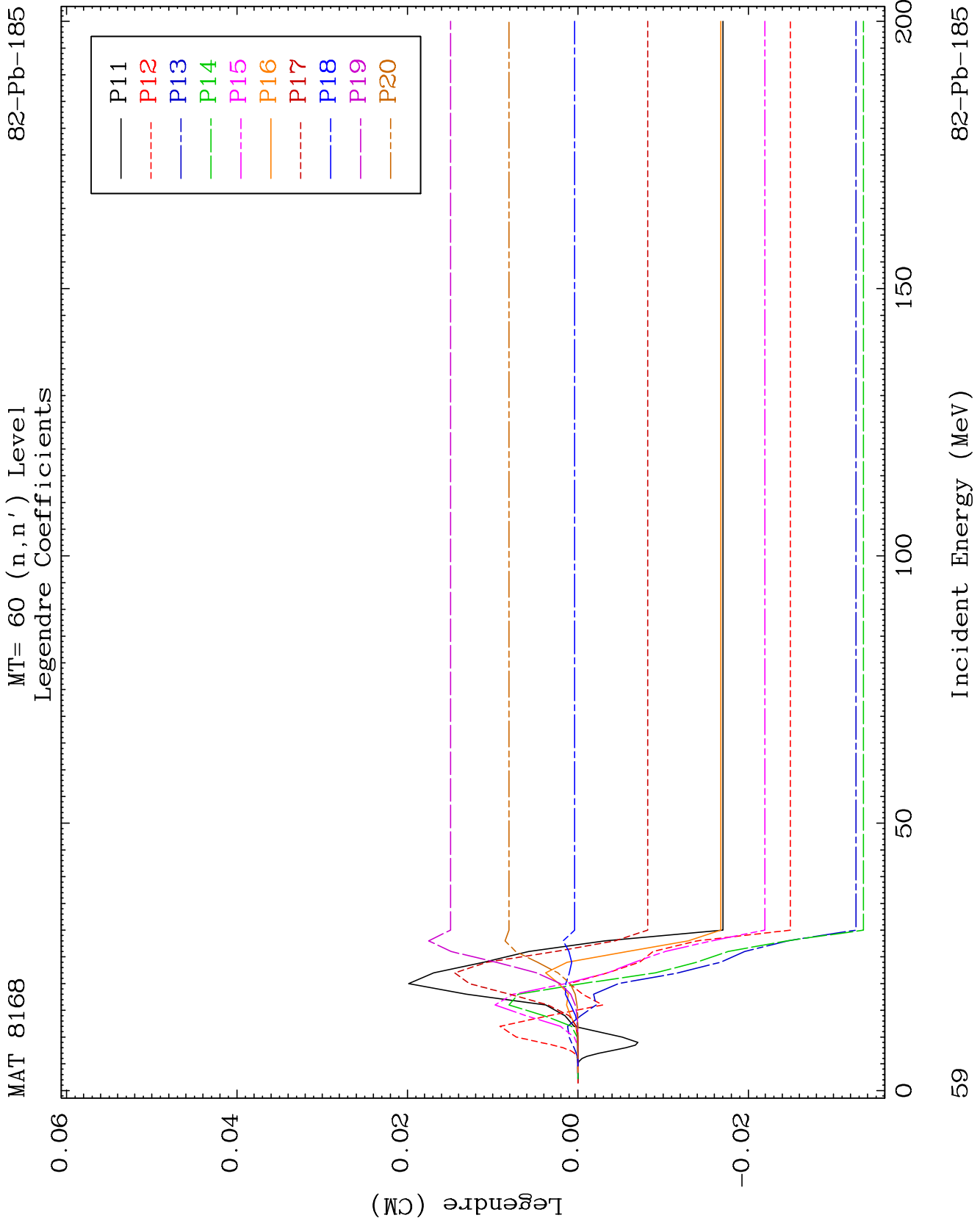
MAT 8168

MT= 60 (n,n') Level
Legendre Coefficients

82-Pb-185



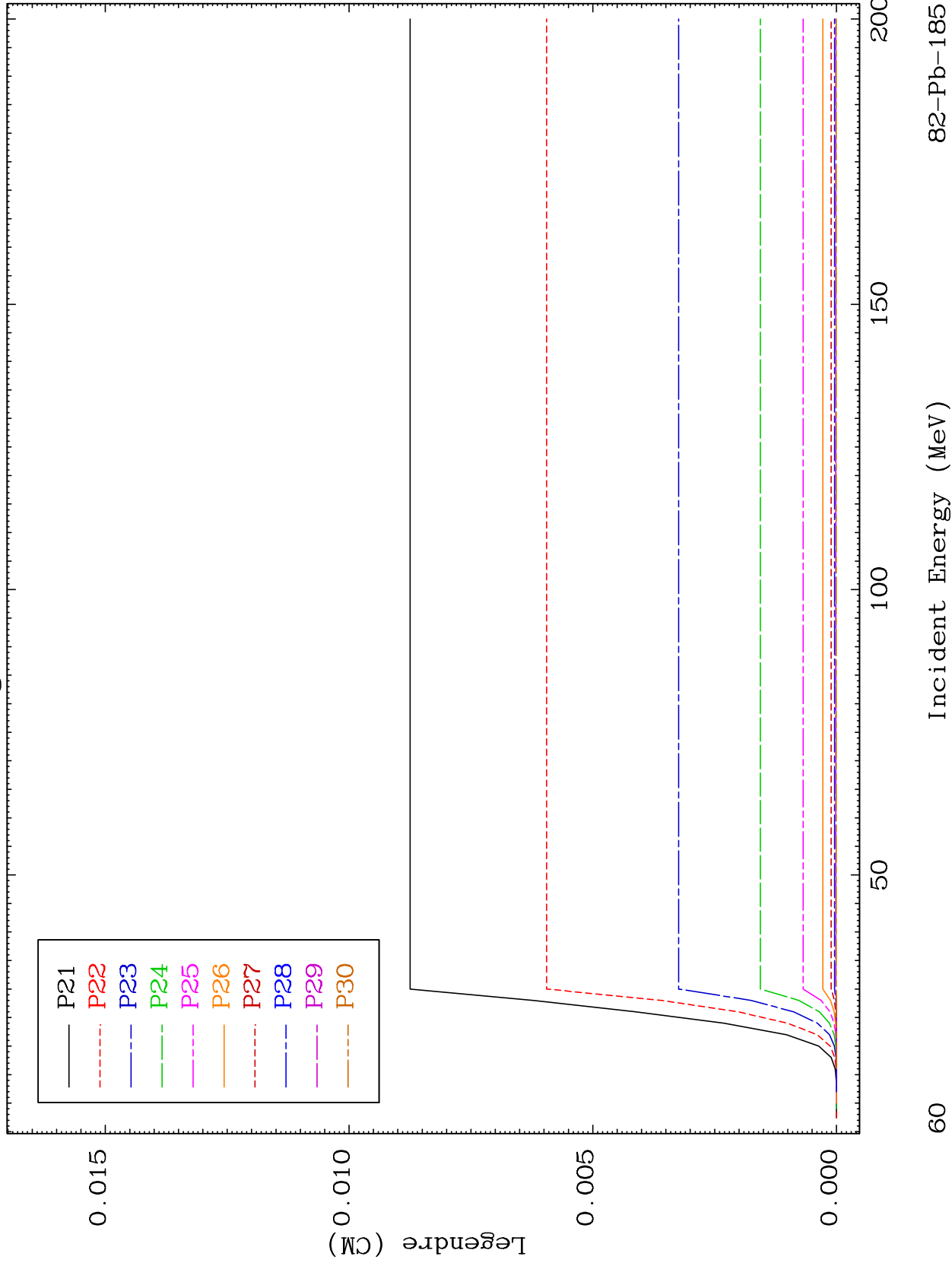
58



MAT 8168

MT= 60 (n,n') Level
Legendre Coefficients

82-Pb-185



82-Pb-185

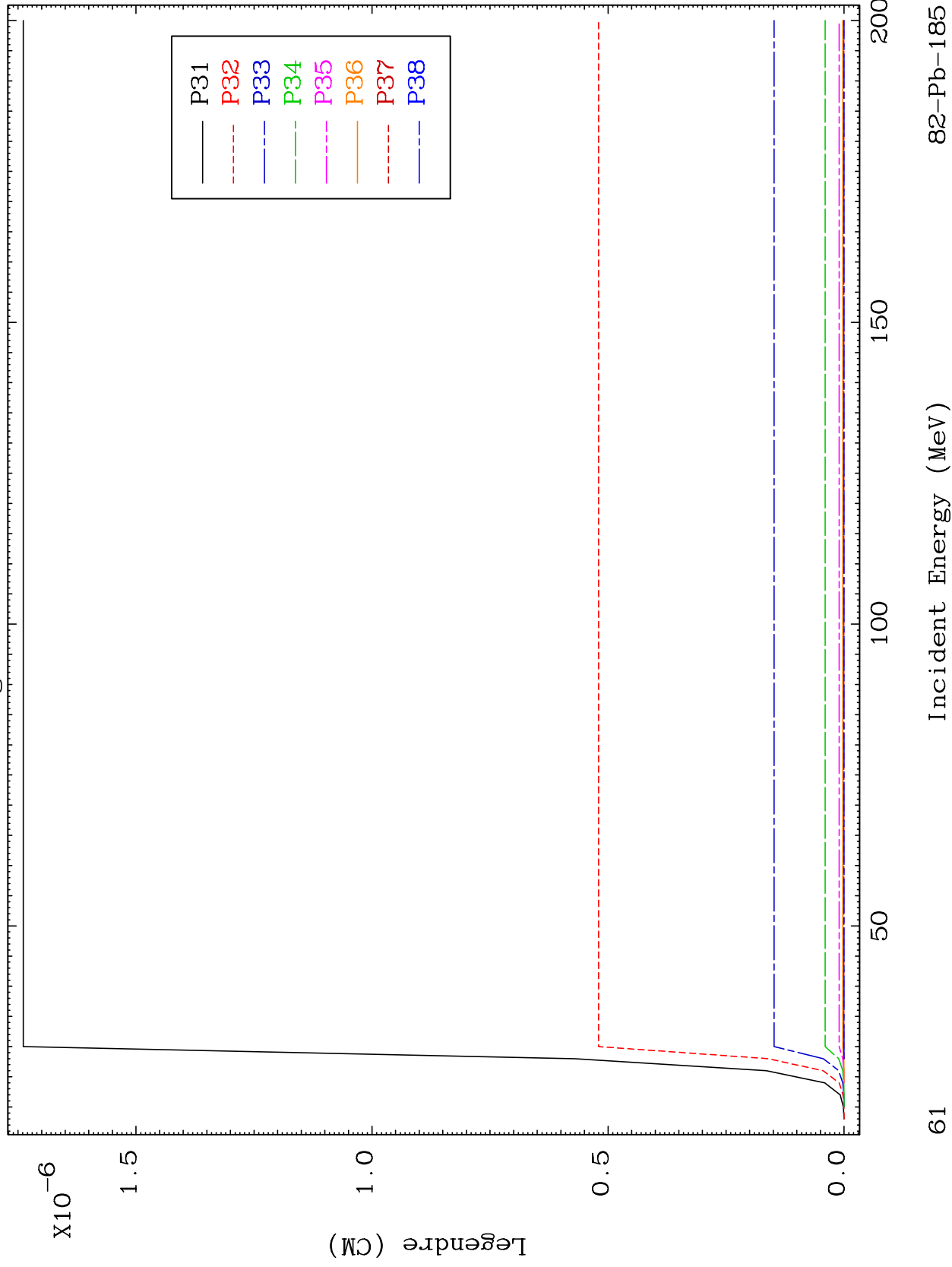
Incident Energy (MeV)

60

MAT 8168

MT= 60 (n,n') Level
Legendre Coefficients

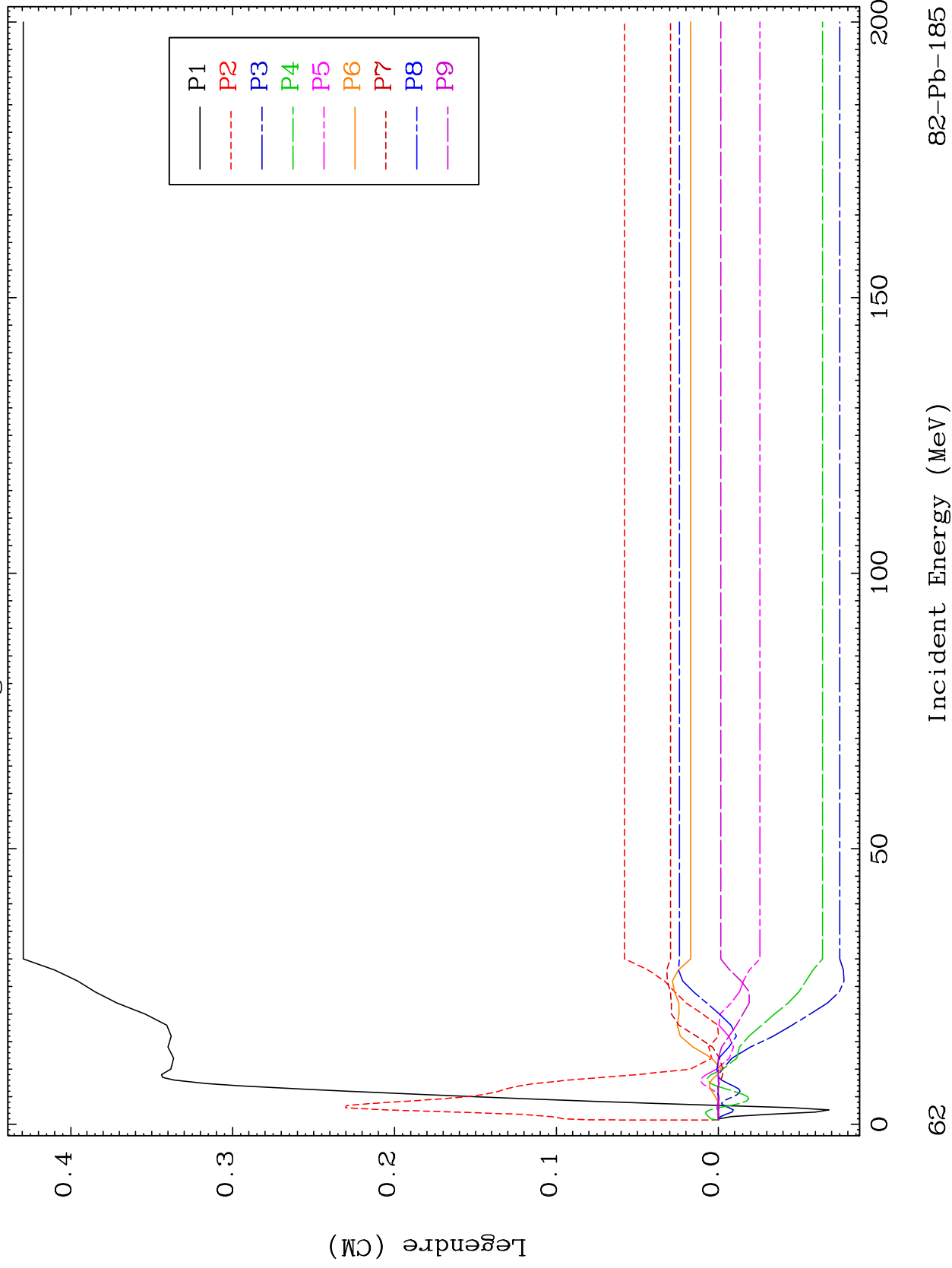
82-Pb-185



MAT 8168

MT= 61 (n,n') Level
Legendre Coefficients

82-Pb-185



82-Pb-185

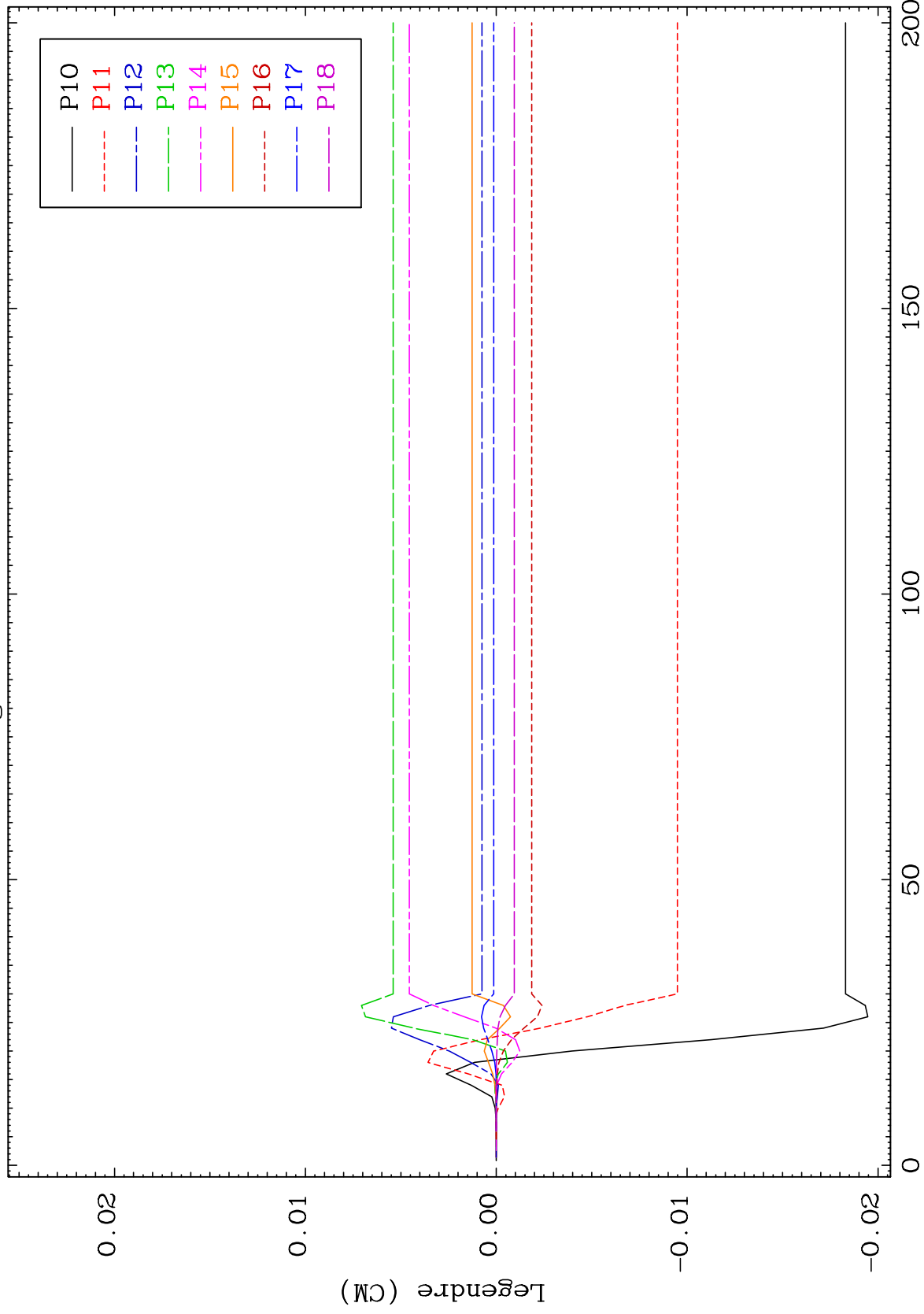
Incident Energy (MeV)

62

MAT 8168

MT= 61 (n,n') Level
Legendre Coefficients

82-Pb-185



63

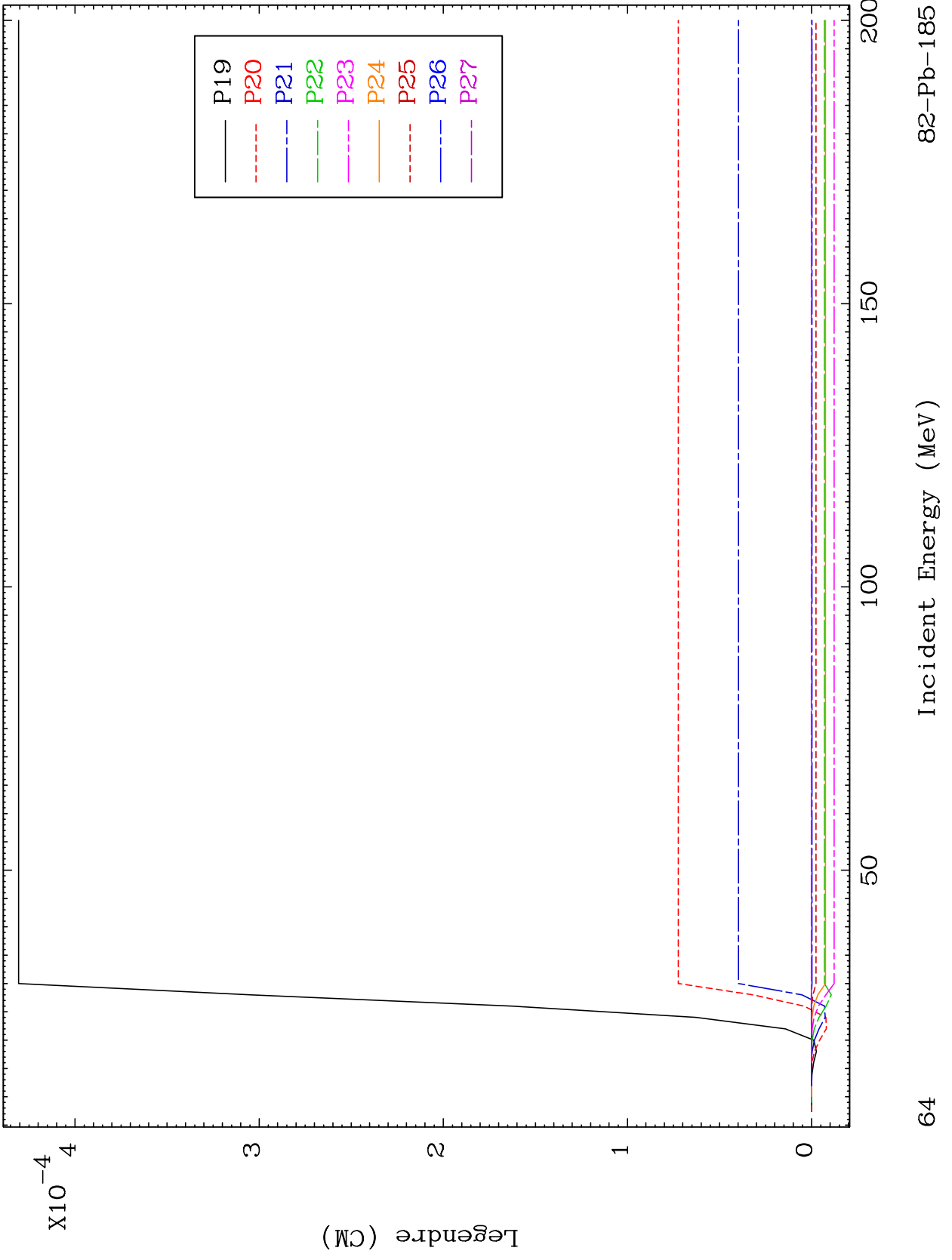
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 61 (n,n') Level
Legendre Coefficients

82-Pb-185



64

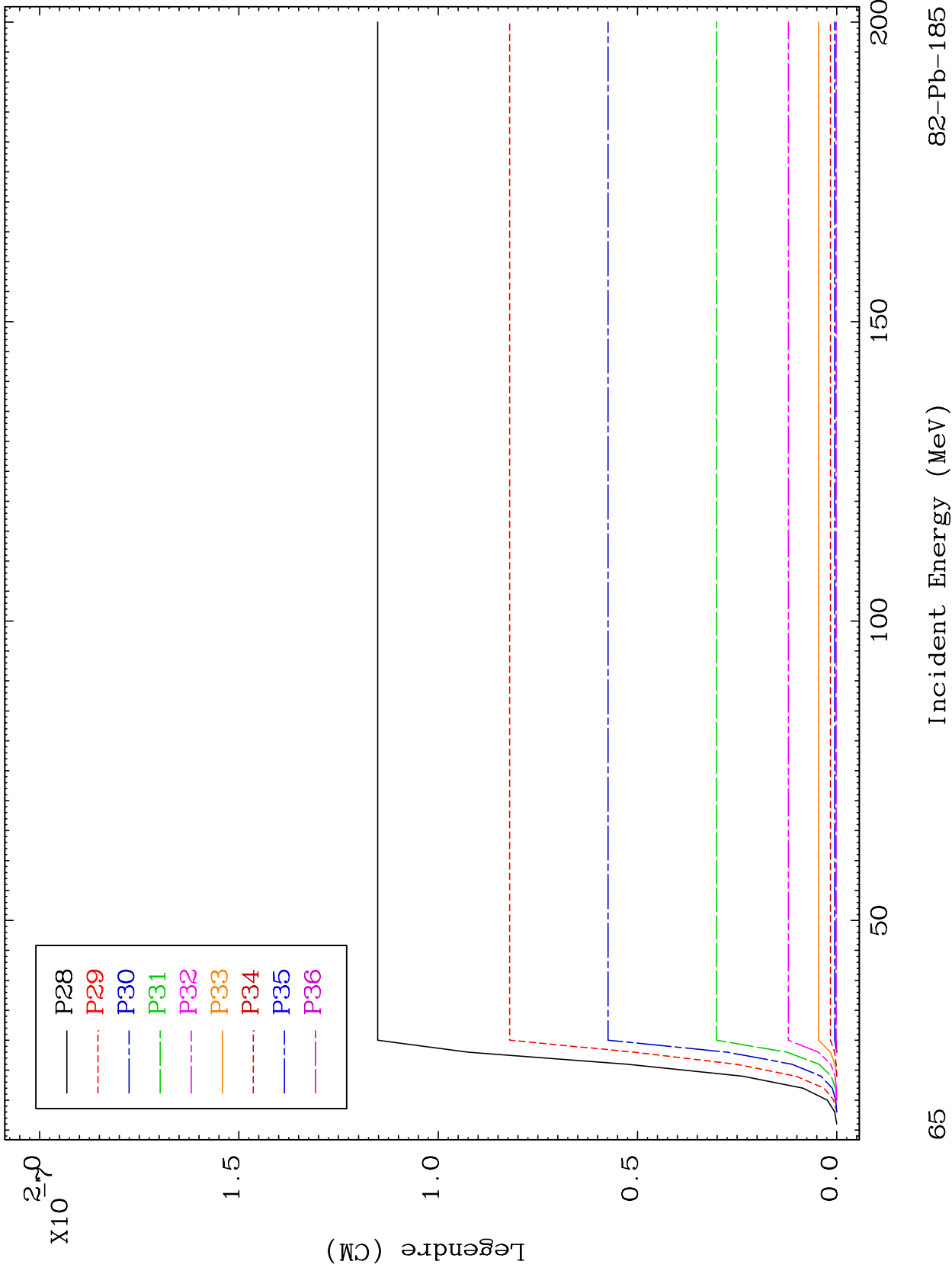
Incident Energy (MeV)

82-Pb-185

MAT 81688

MT= 61 (n,n') Level
Legendre Coefficients

82-Pb-185



65

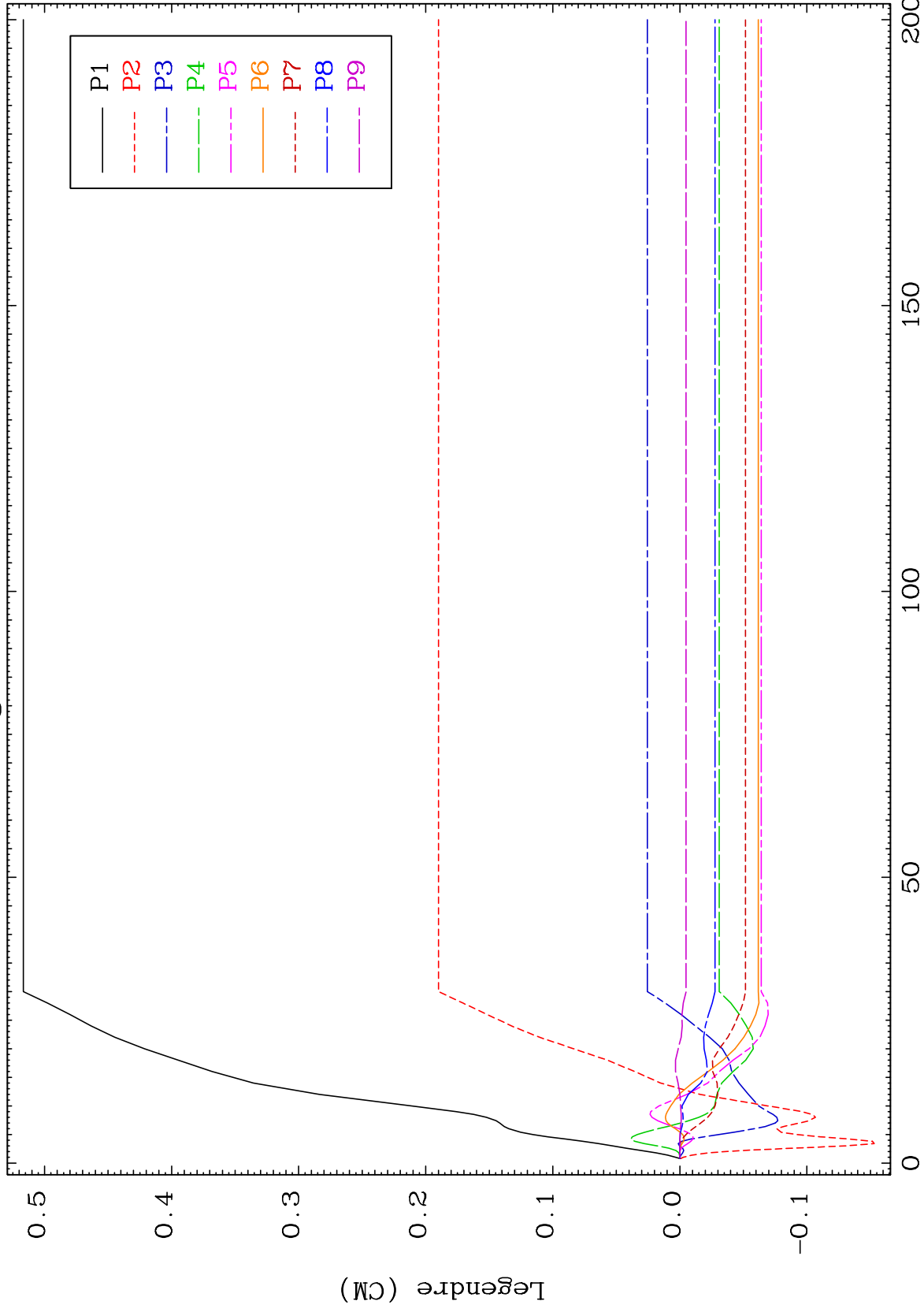
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 62 (n,n') Level
Legendre Coefficients

82-Pb-185



66

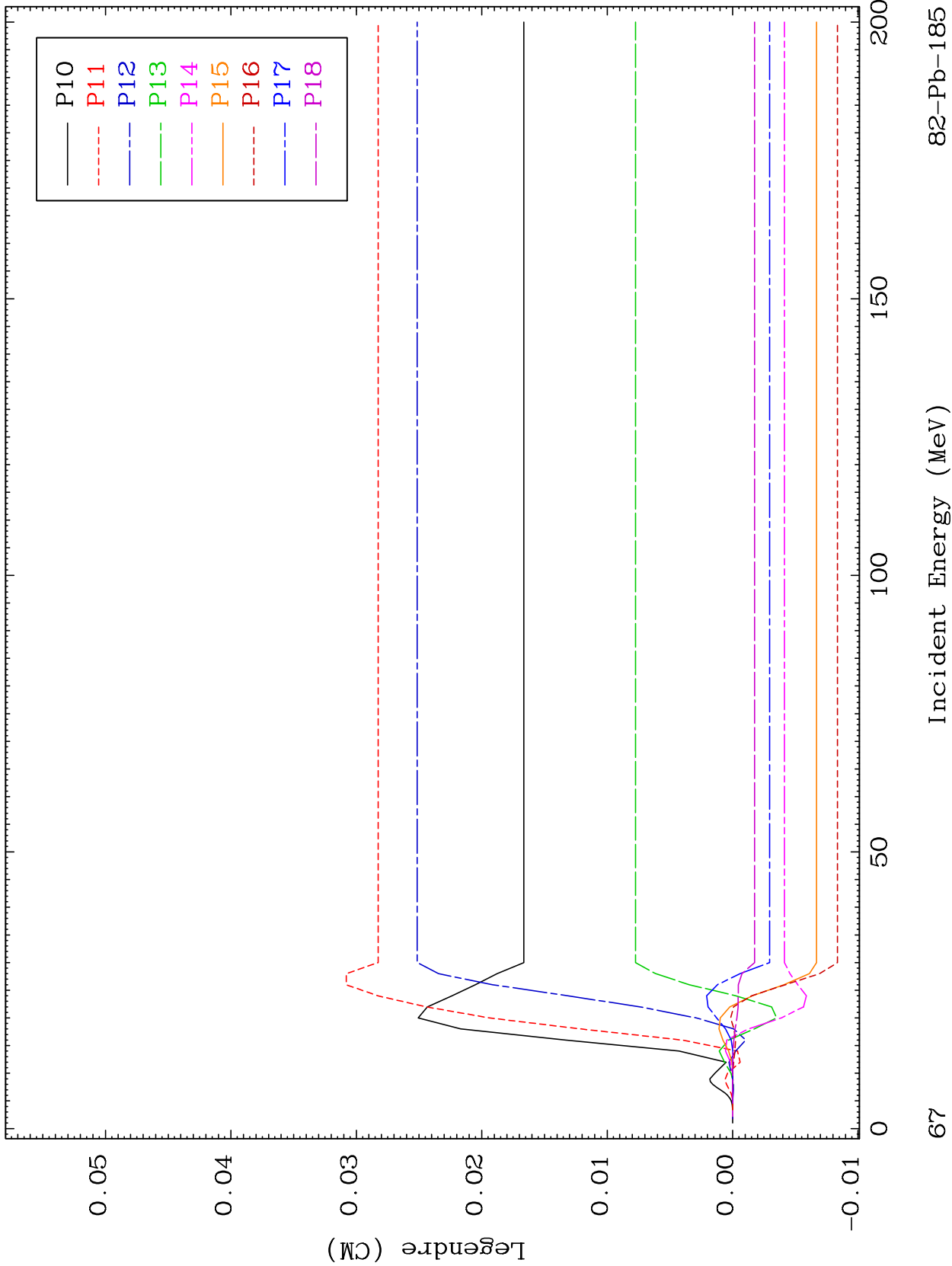
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 62 (n,n') Level
Legendre Coefficients

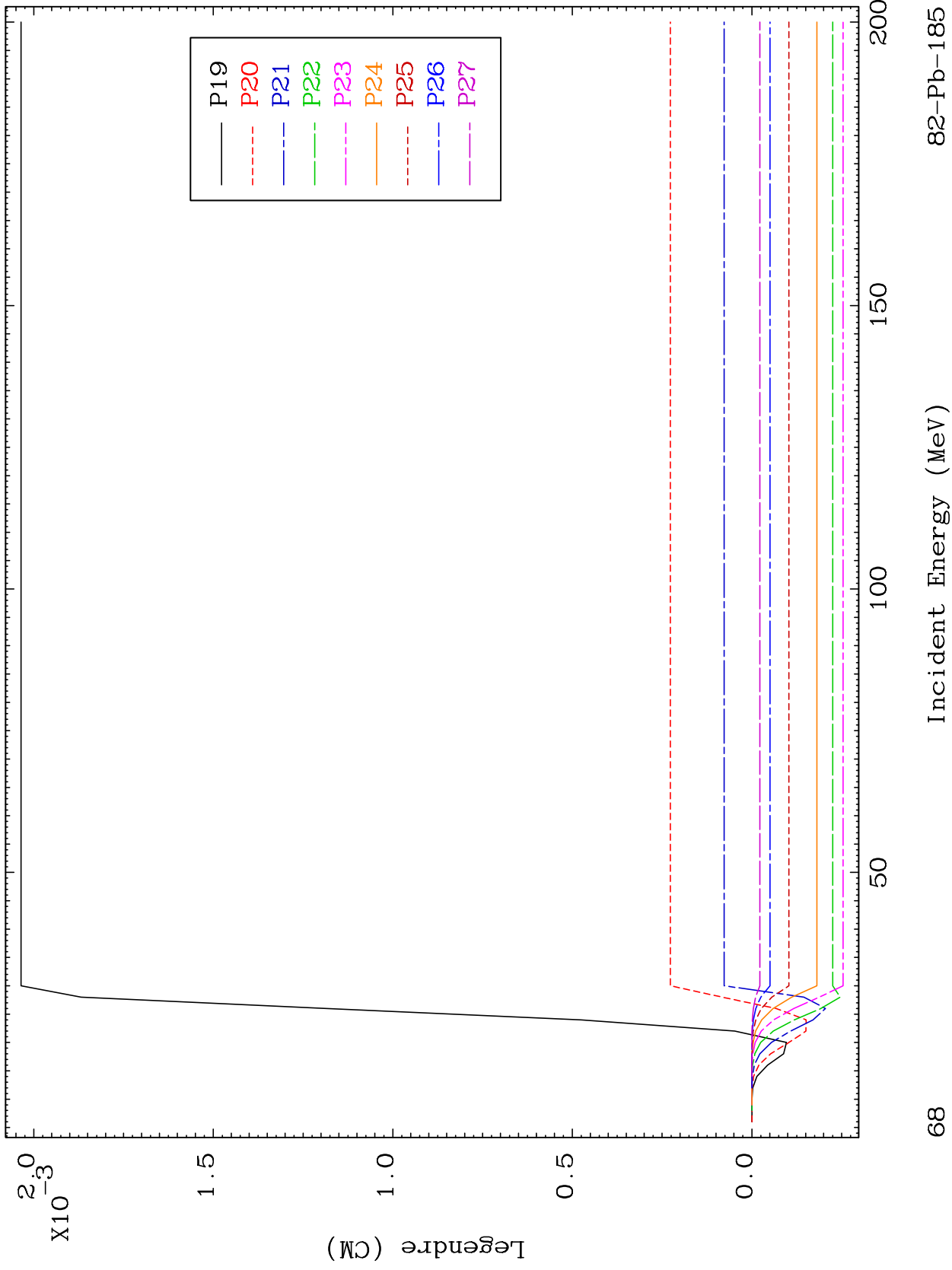
82-Pb-185



MAT 8168

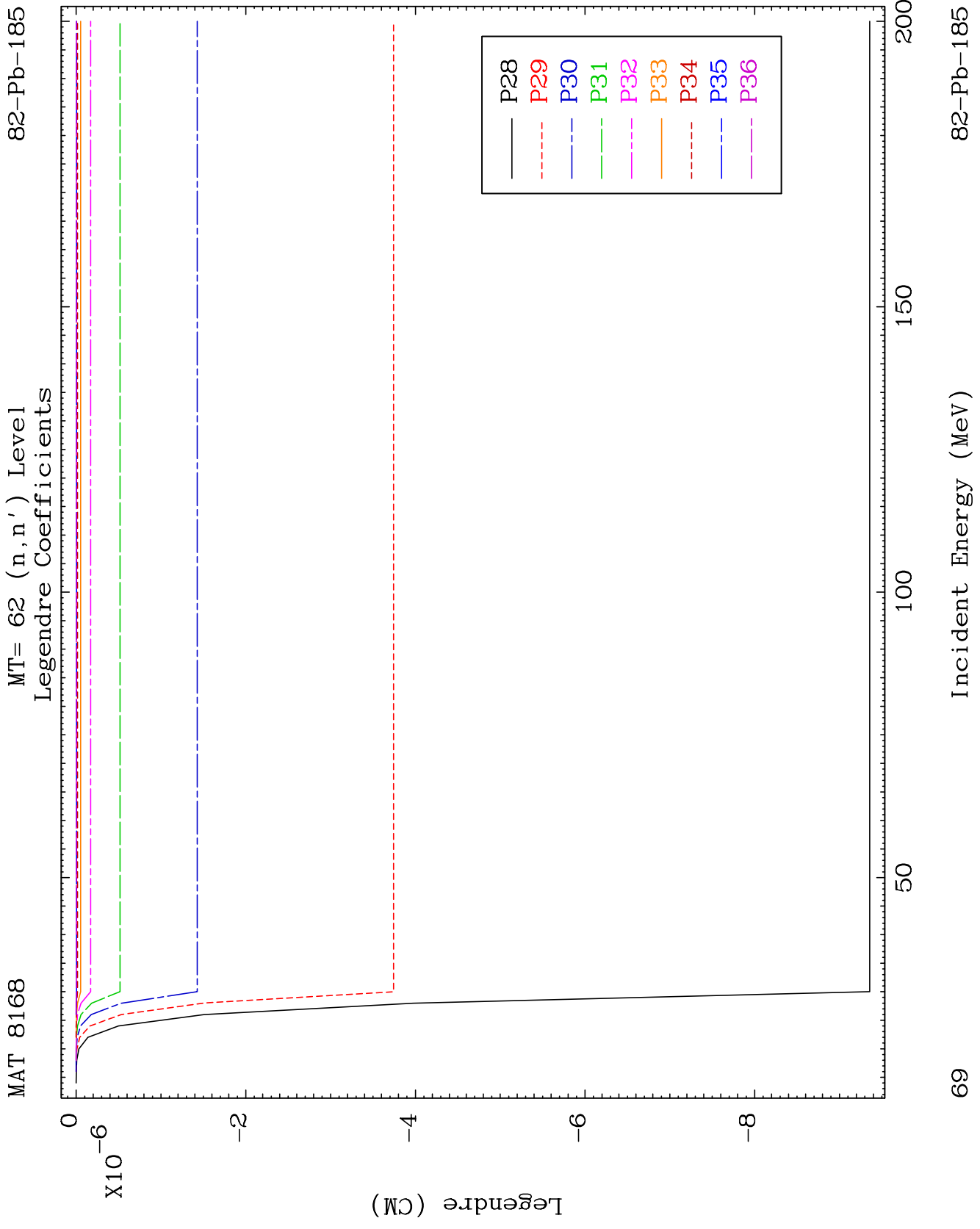
MT= 62 (n,n') Level
Legendre Coefficients

82-Pb-185



68

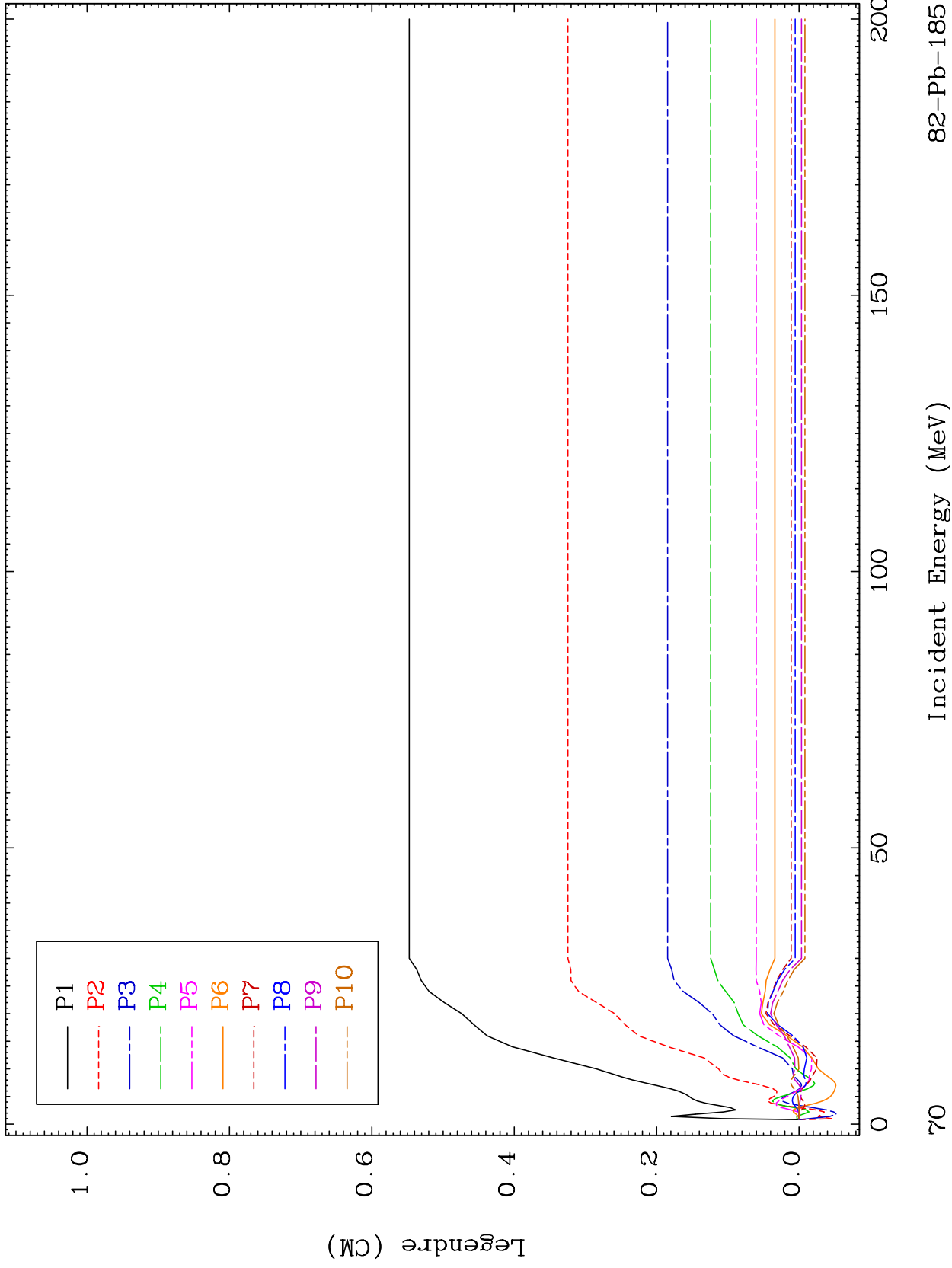
82-Pb-185



MAT 8168

MT= 63 (n,n') Level
Legendre Coefficients

82-Pb-185



70

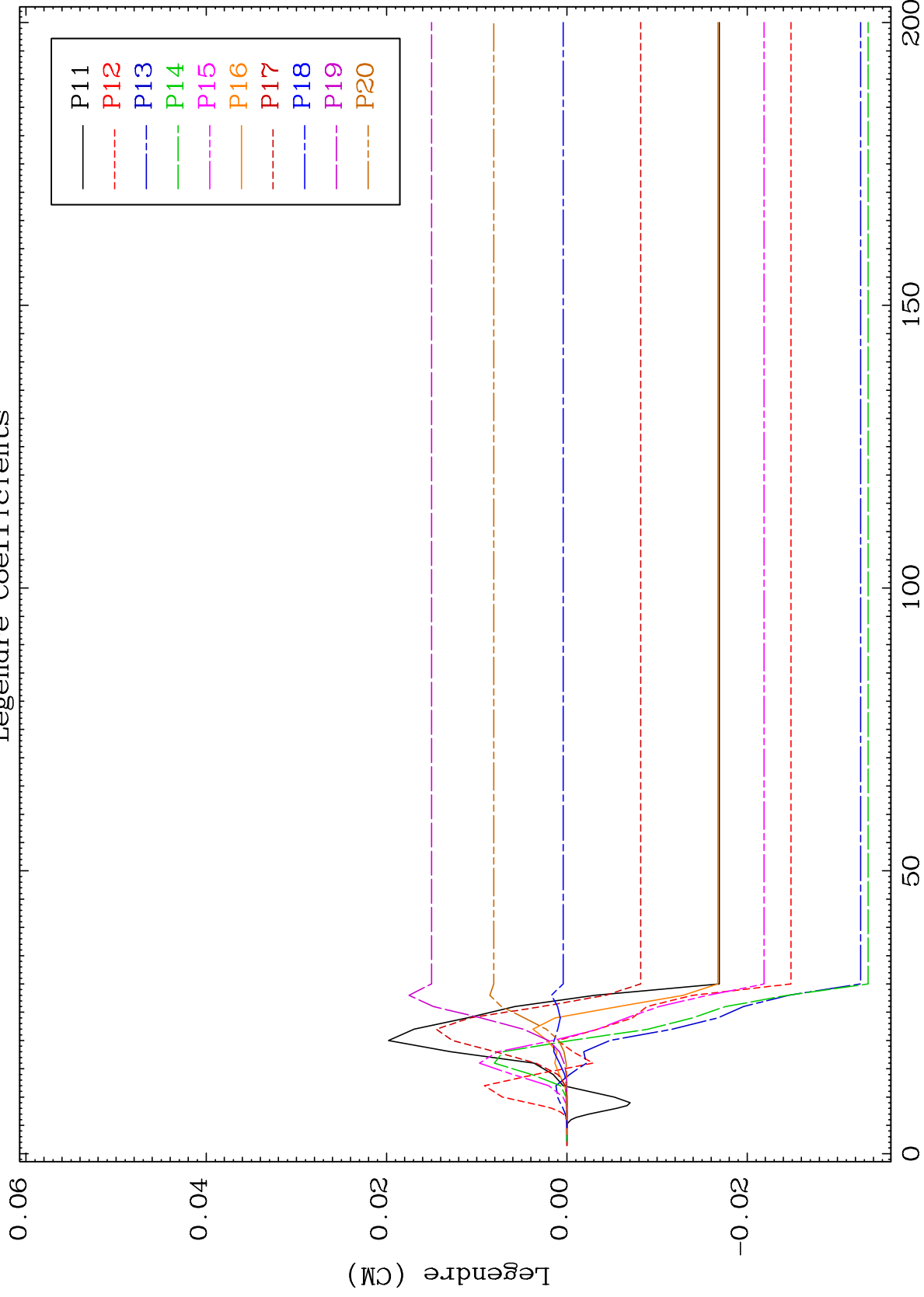
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 63 (n,n') Level
Legendre Coefficients

82-Pb-185



71

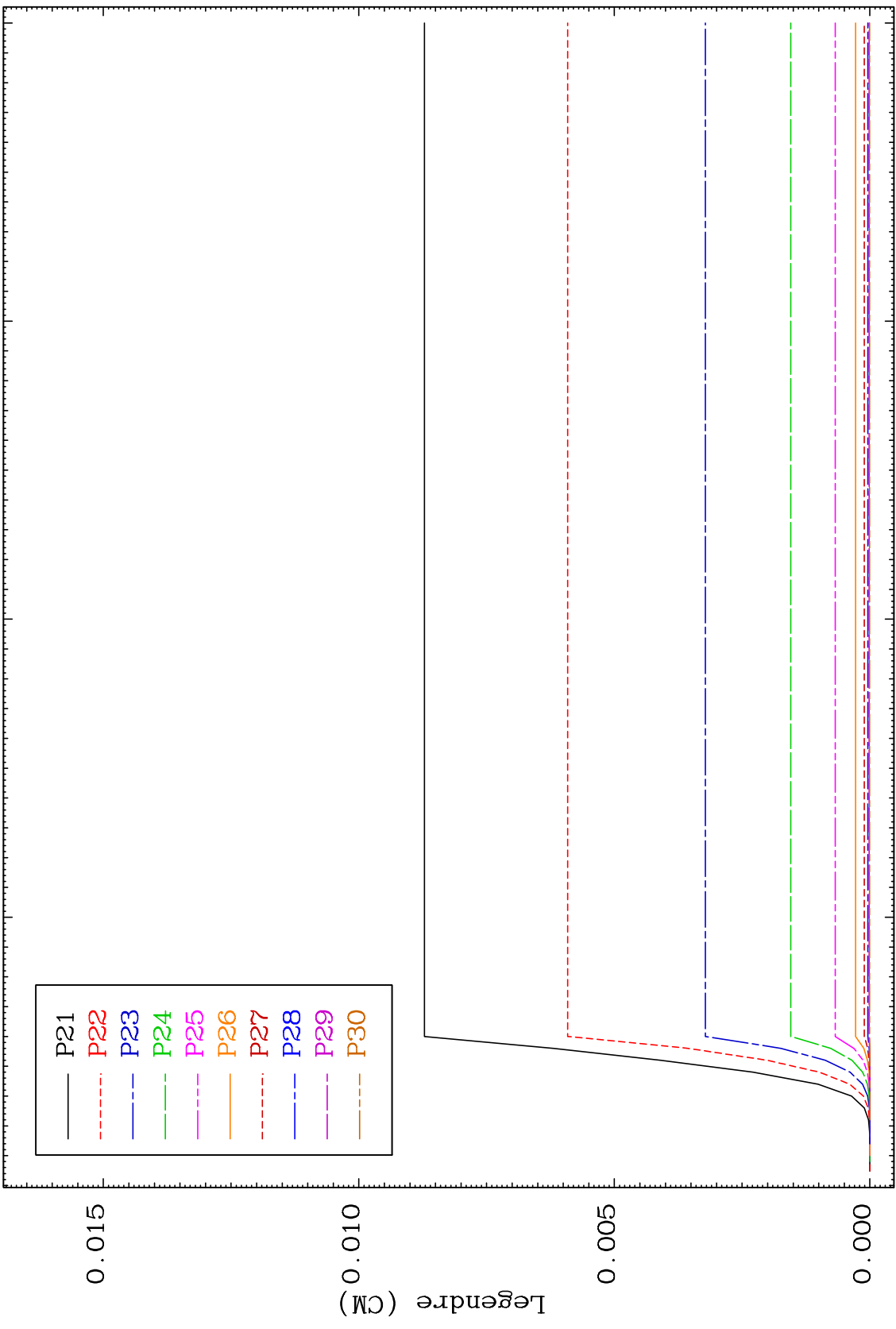
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 63 (n,n') Level
Legendre Coefficients

82-Pb-185



72

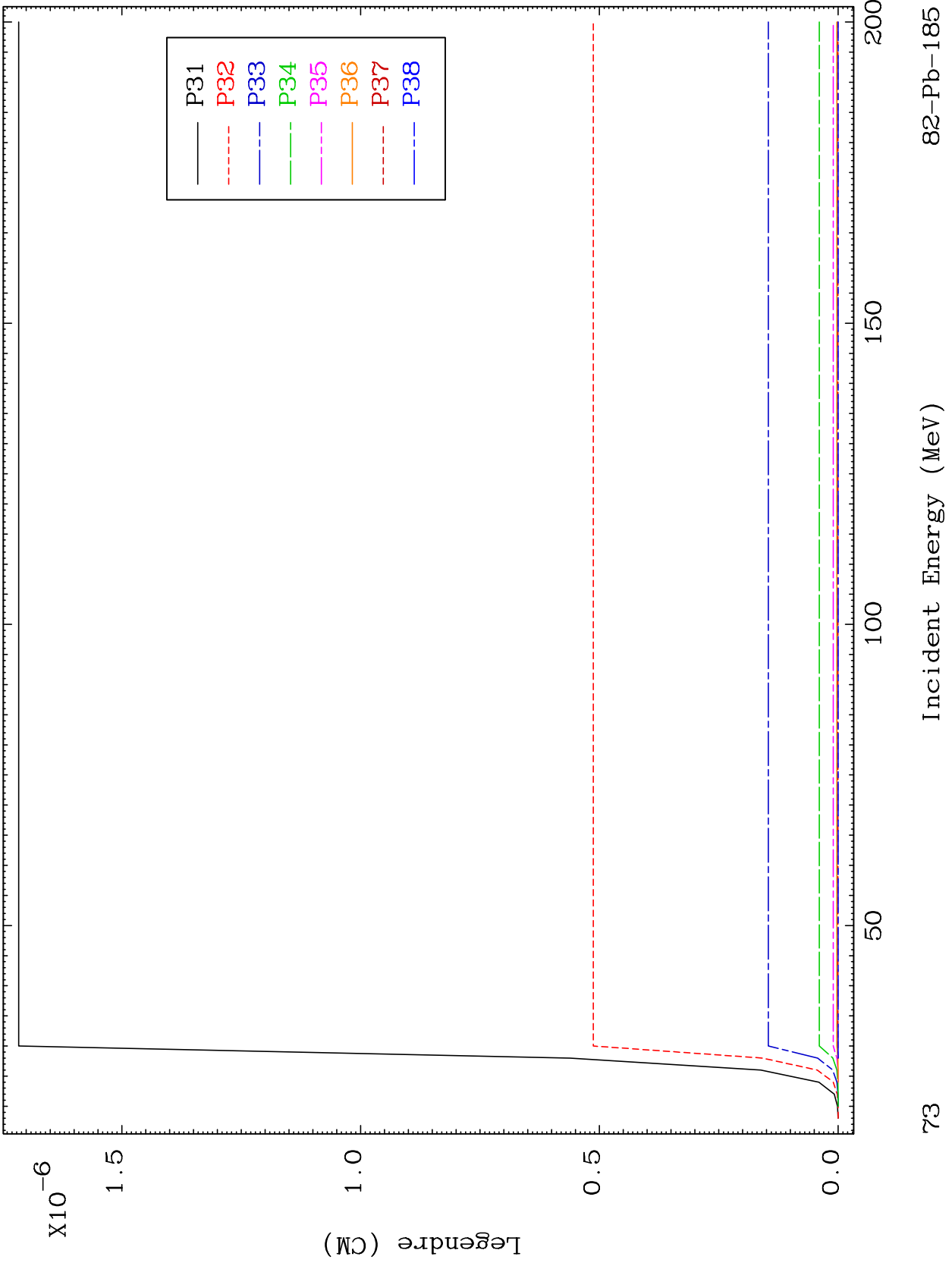
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 63 (n,n') Level
Legendre Coefficients

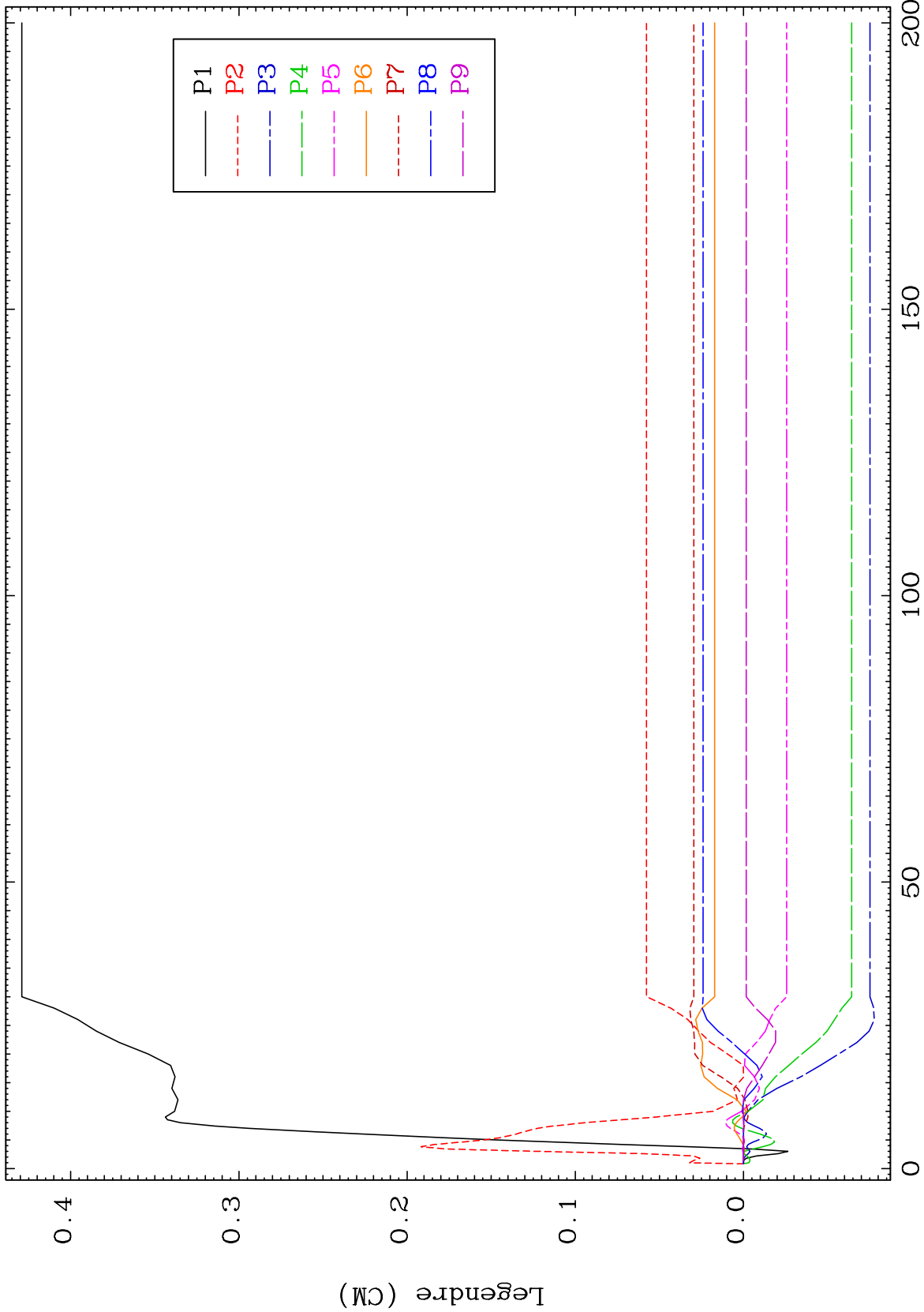
82-Pb-185



MAT 8168

MT= 64 (n,n') Level
Legendre Coefficients

82-Pb-185



74

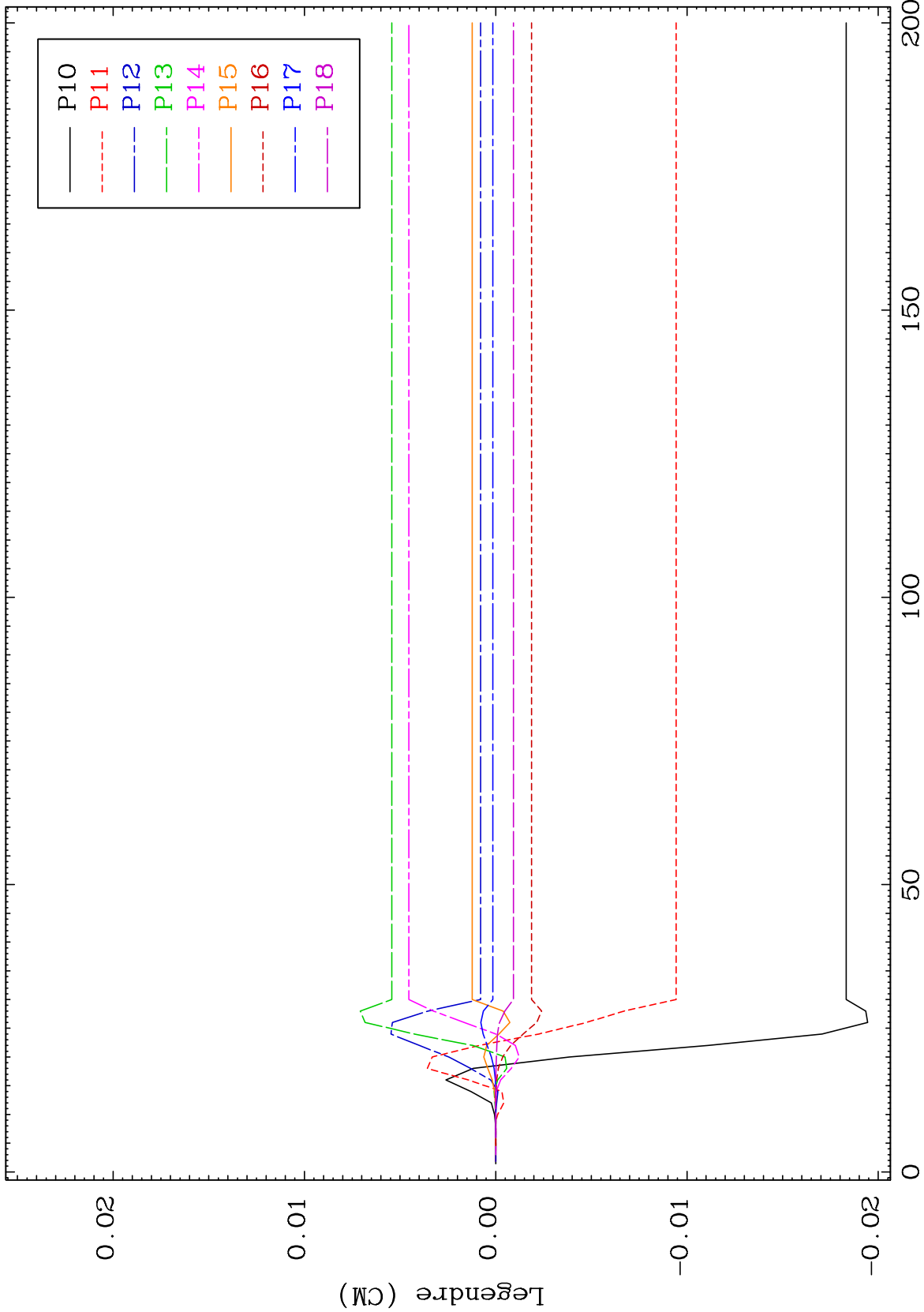
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 64 (n,n') Level
Legendre Coefficients

82-Pb-185



75

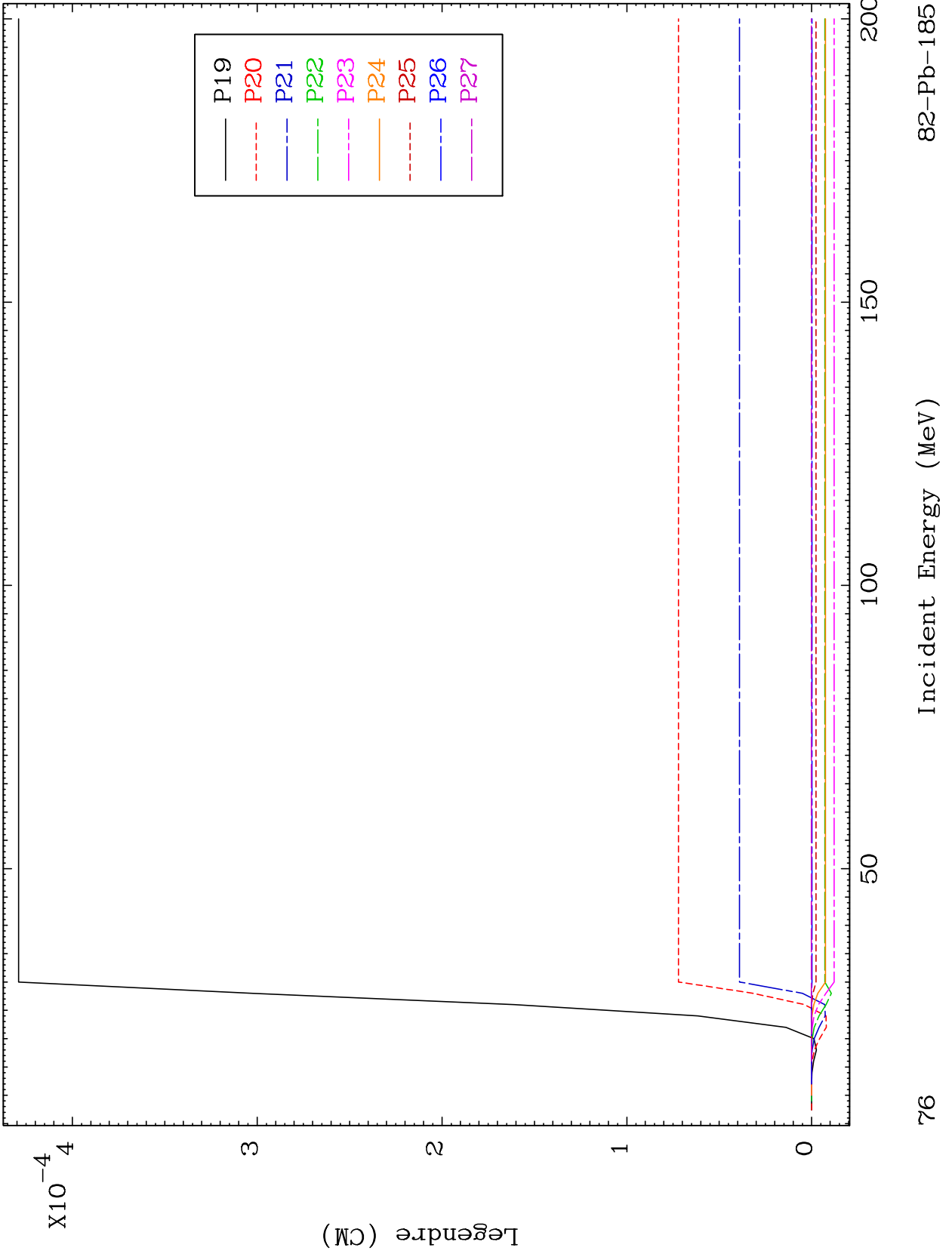
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 64 (n,n') Level
Legendre Coefficients

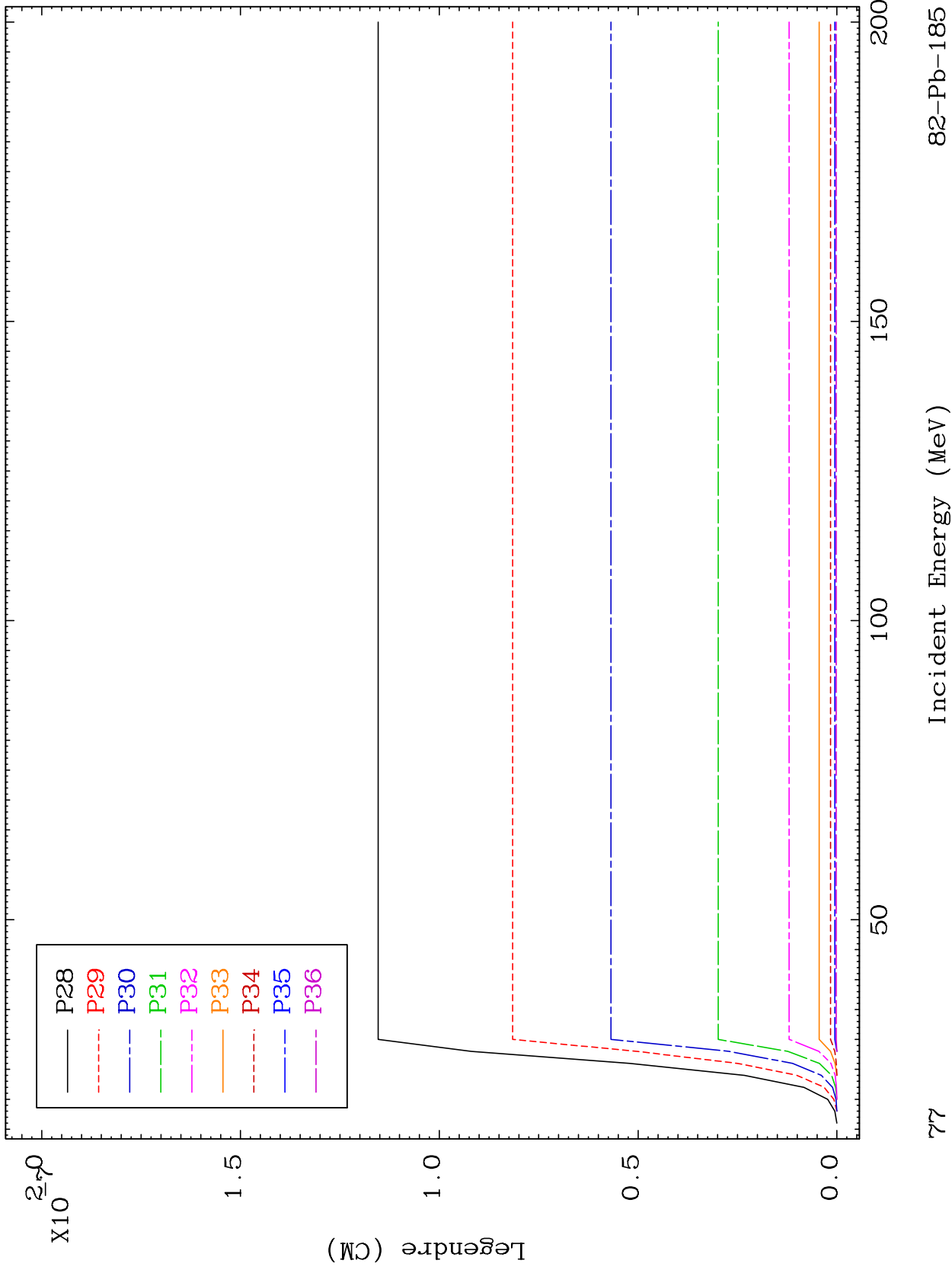
82-Pb-185



MAT 81688

MT= 64 (n,n') Level
Legendre Coefficients

82-Pb-185

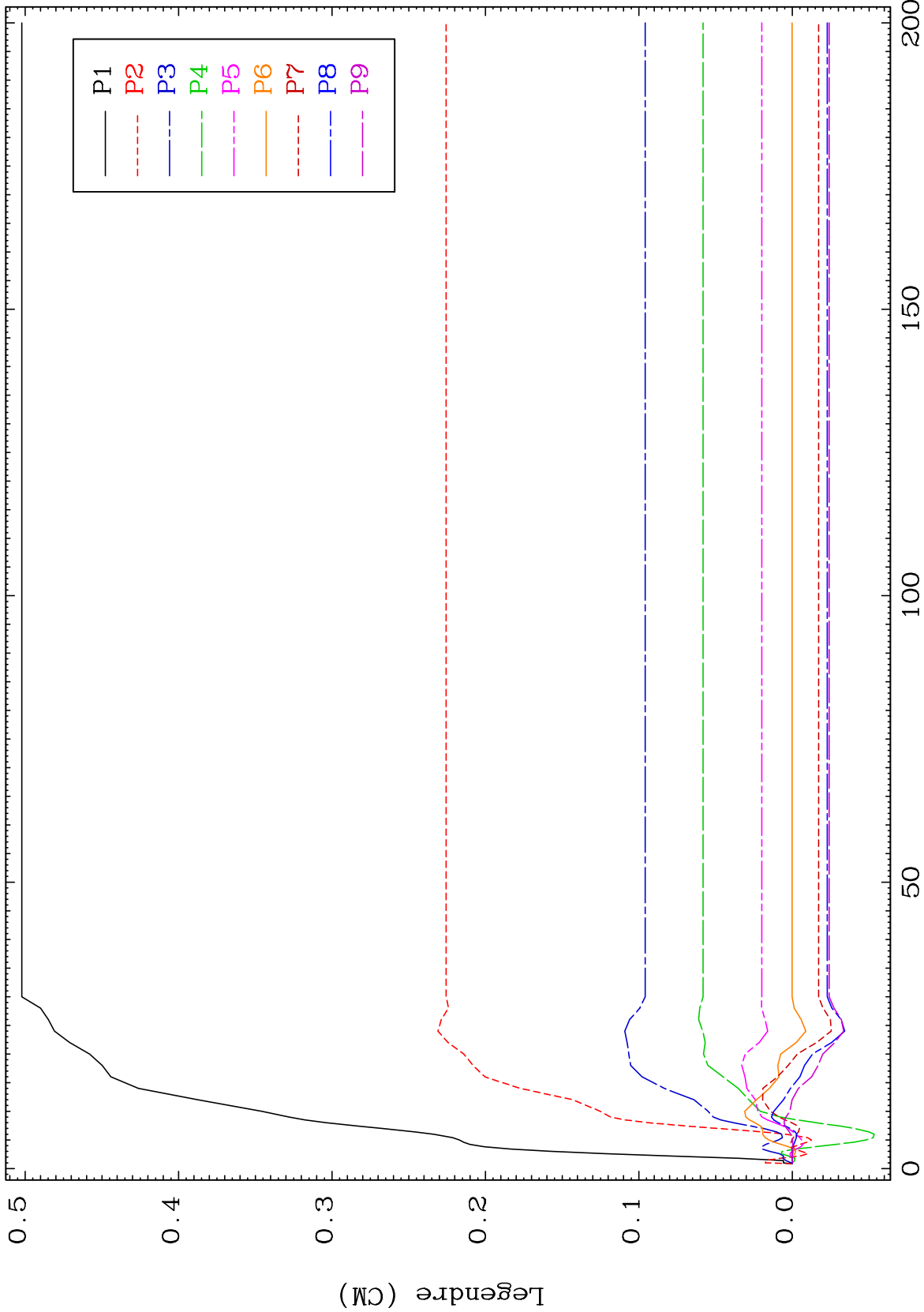


MAT 8168

MT= 65 (n,n') Level

82-Pb-185

Legendre Coefficients



78

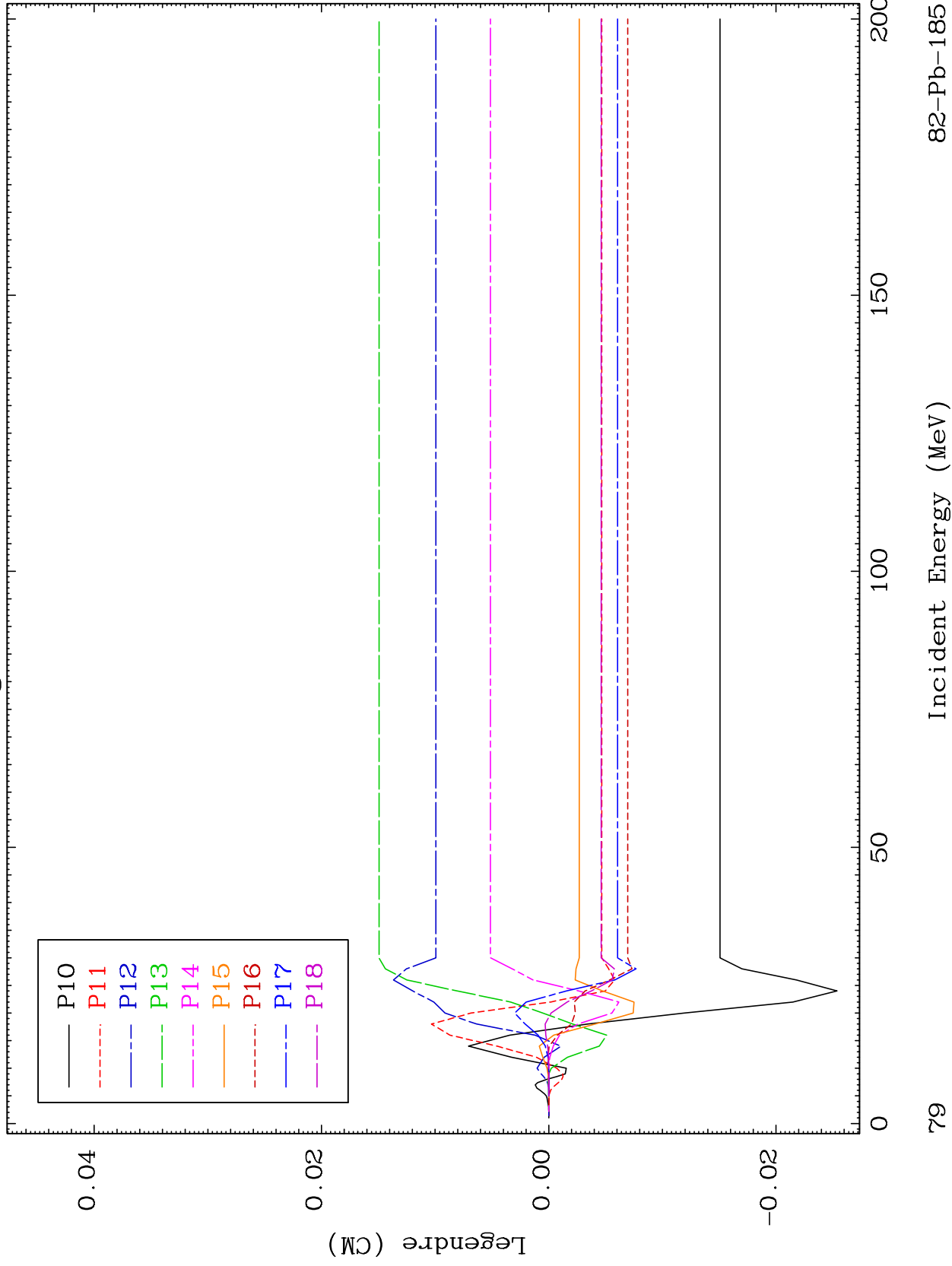
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 65 (n,n') Level
Legendre Coefficients

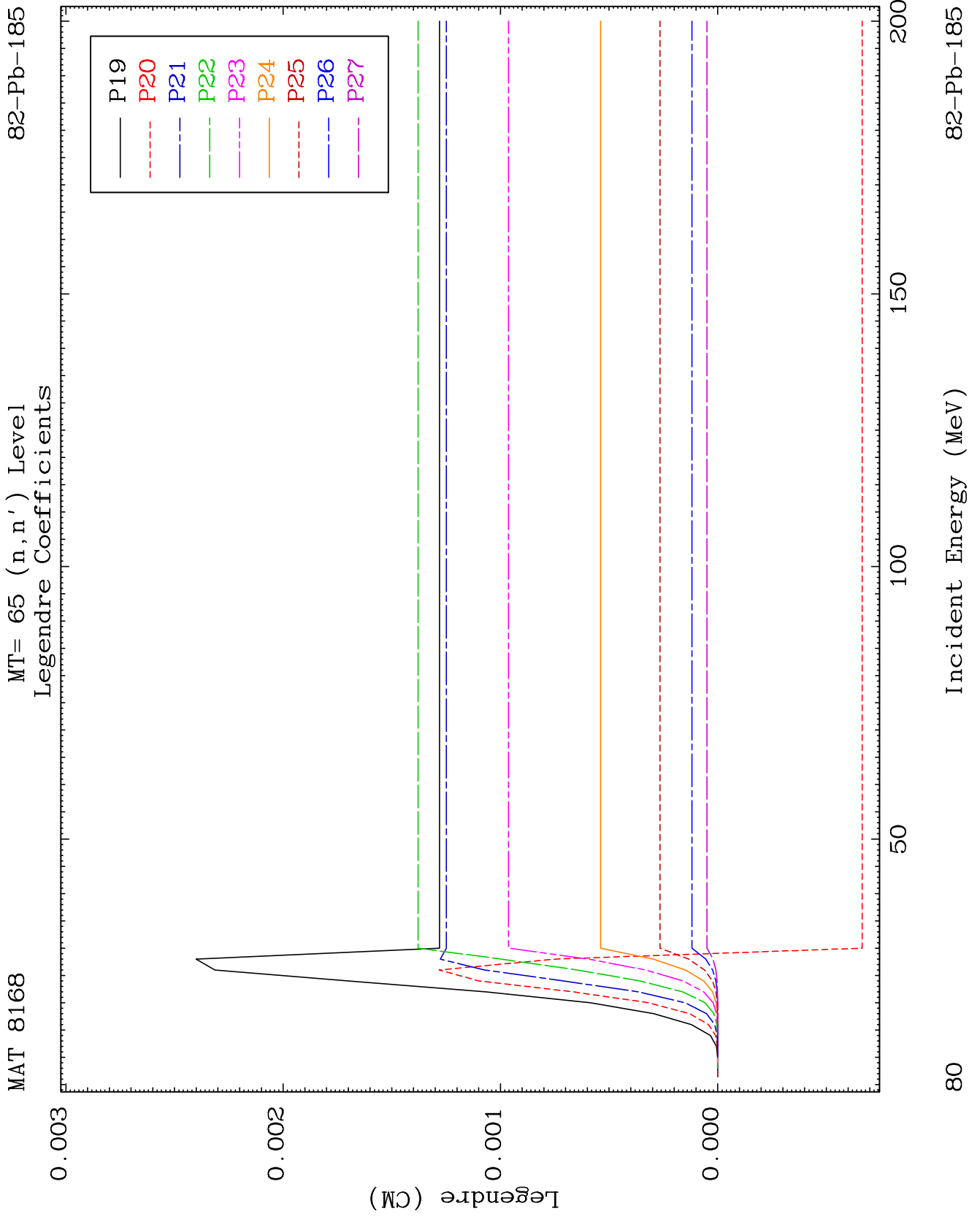
82-Pb-185



79

Incident Energy (MeV)

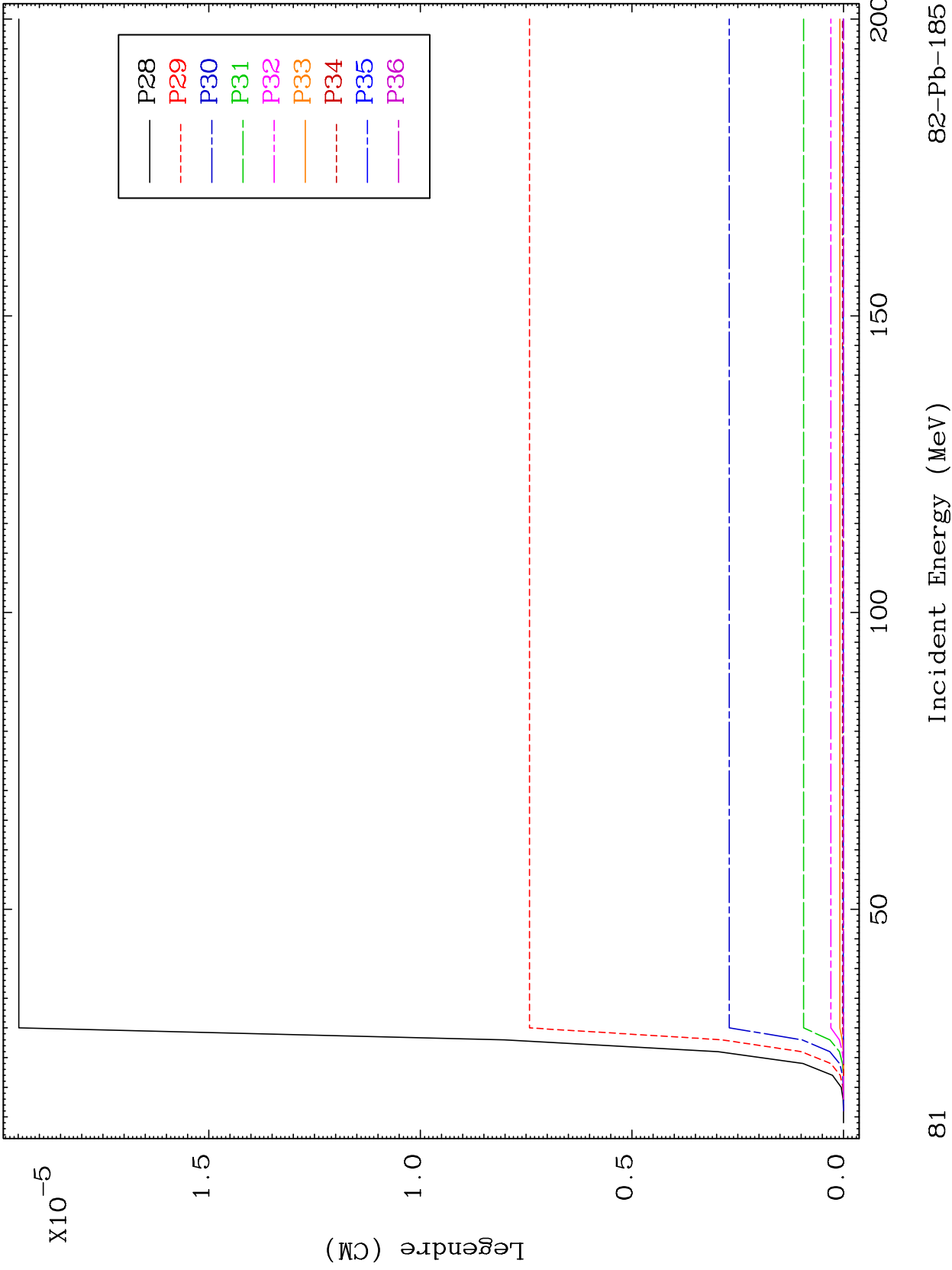
82-Pb-185



MAT 8168

MT= 65 (n,n') Level
Legendre Coefficients

82-Pb-185



81

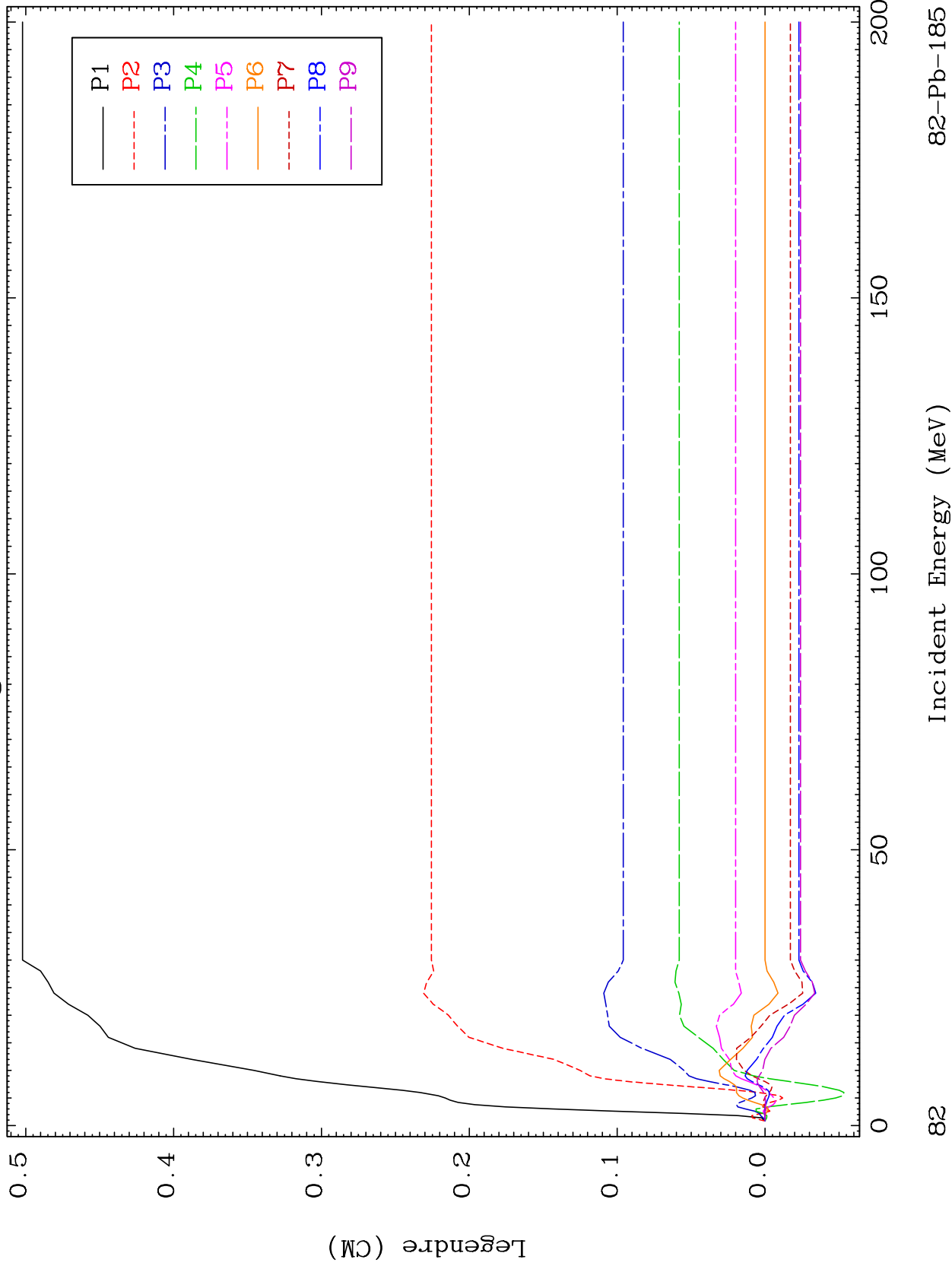
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 66 (n,n') Level
Legendre Coefficients

82-Pb-185



82-Pb-185

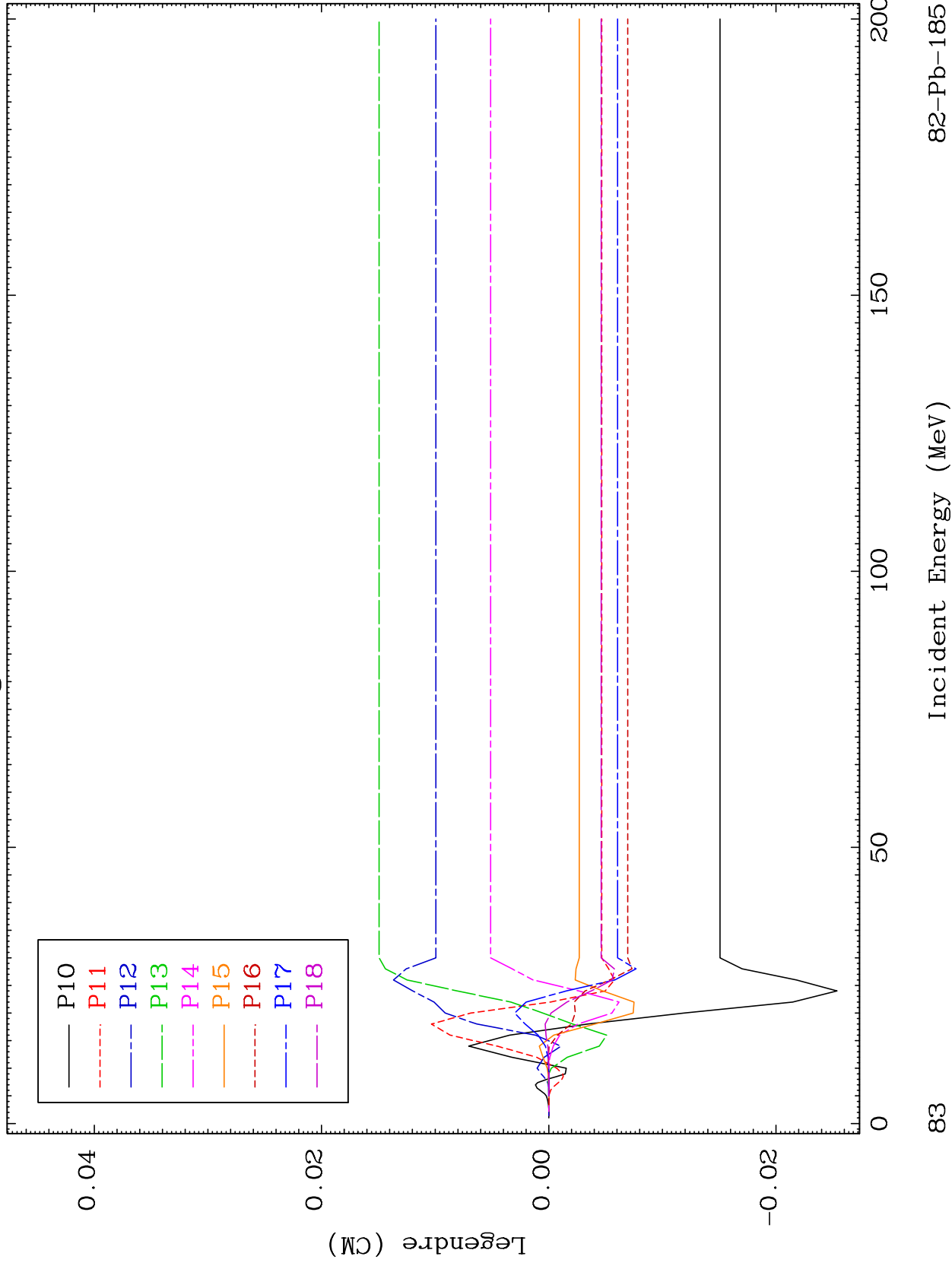
Incident Energy (MeV)

82

MAT 8168

MT= 66 (n,n') Level
Legendre Coefficients

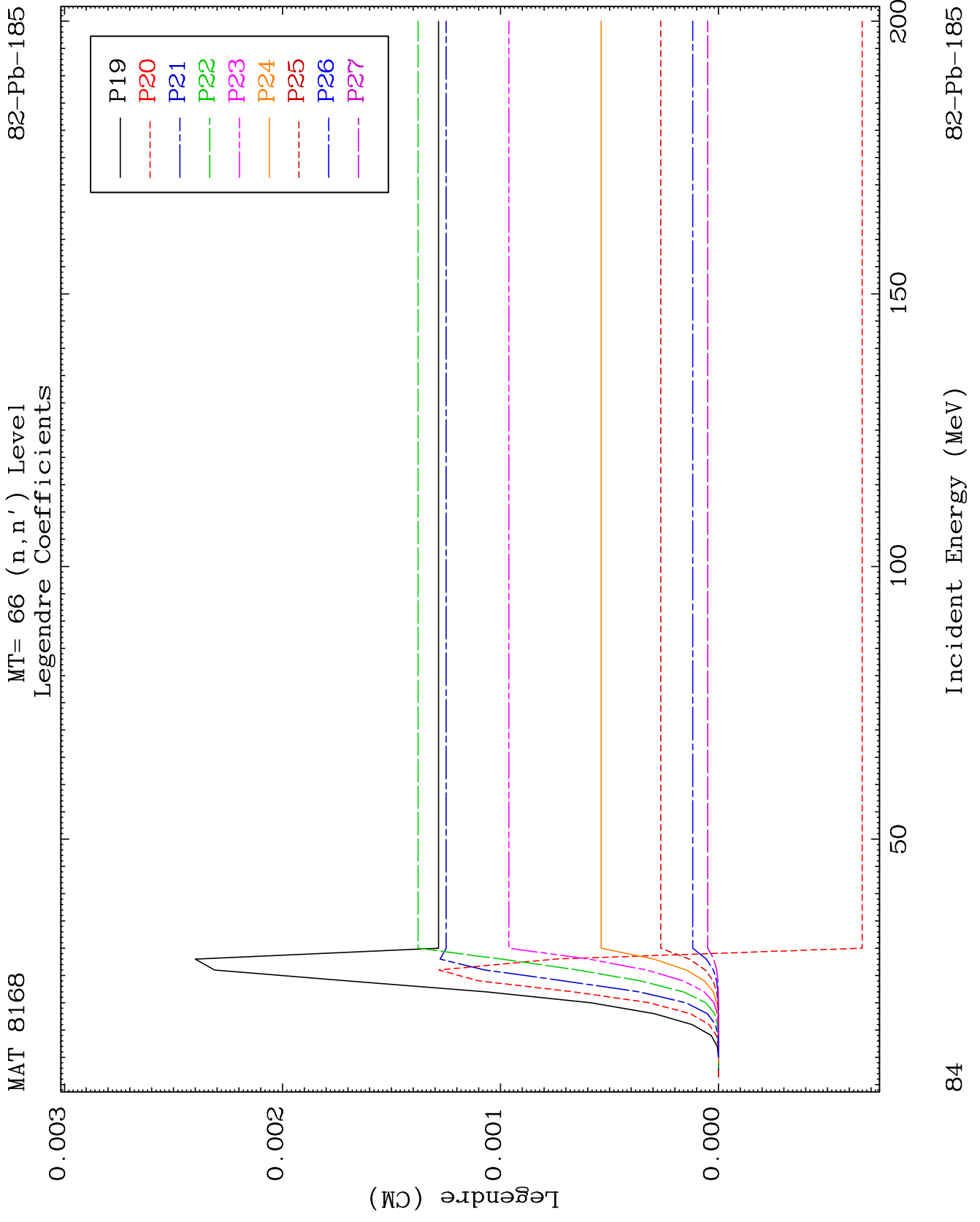
82-Pb-185



83

Incident Energy (MeV)

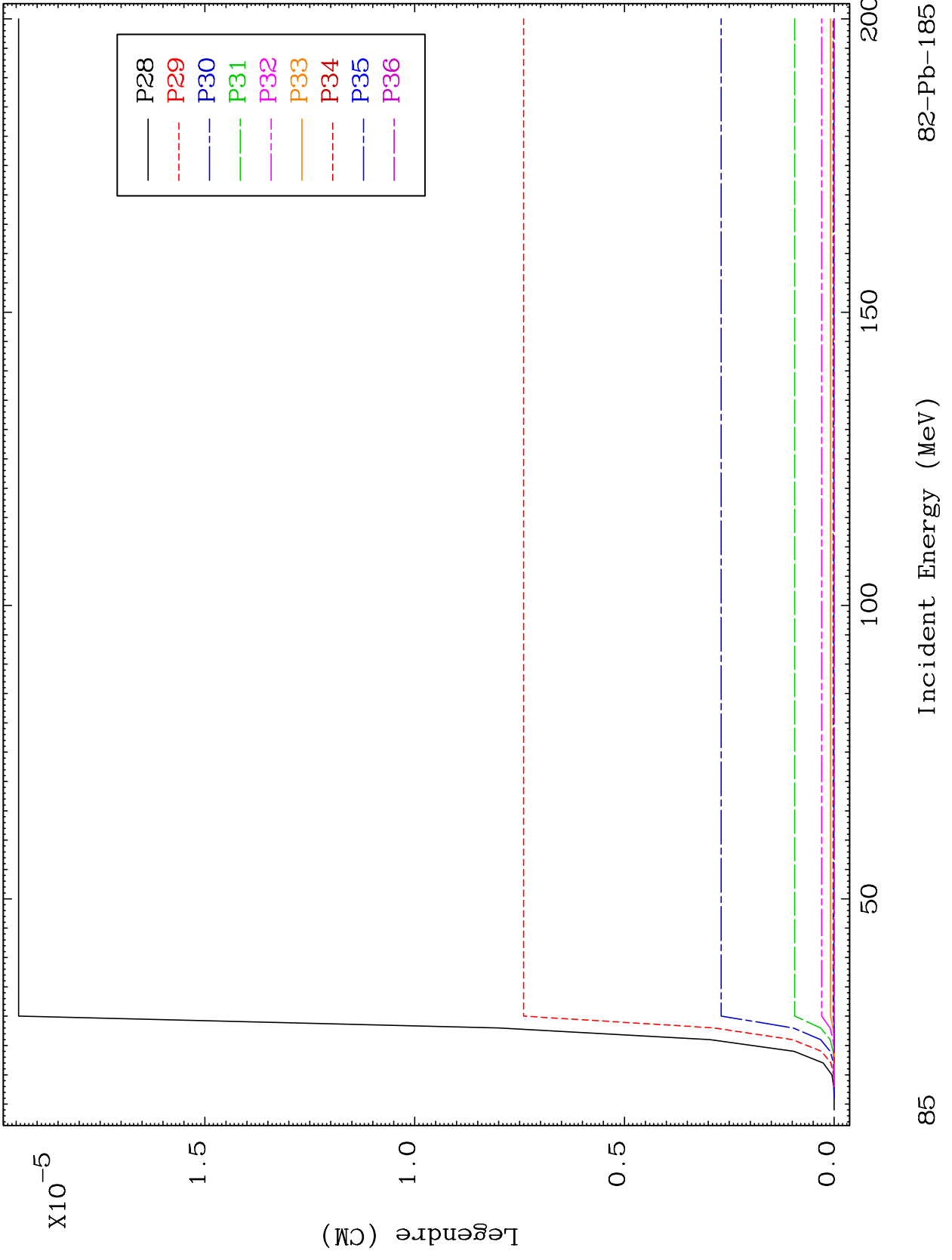
82-Pb-185



MAT 8168

MT= 66 (n,n') Level
Legendre Coefficients

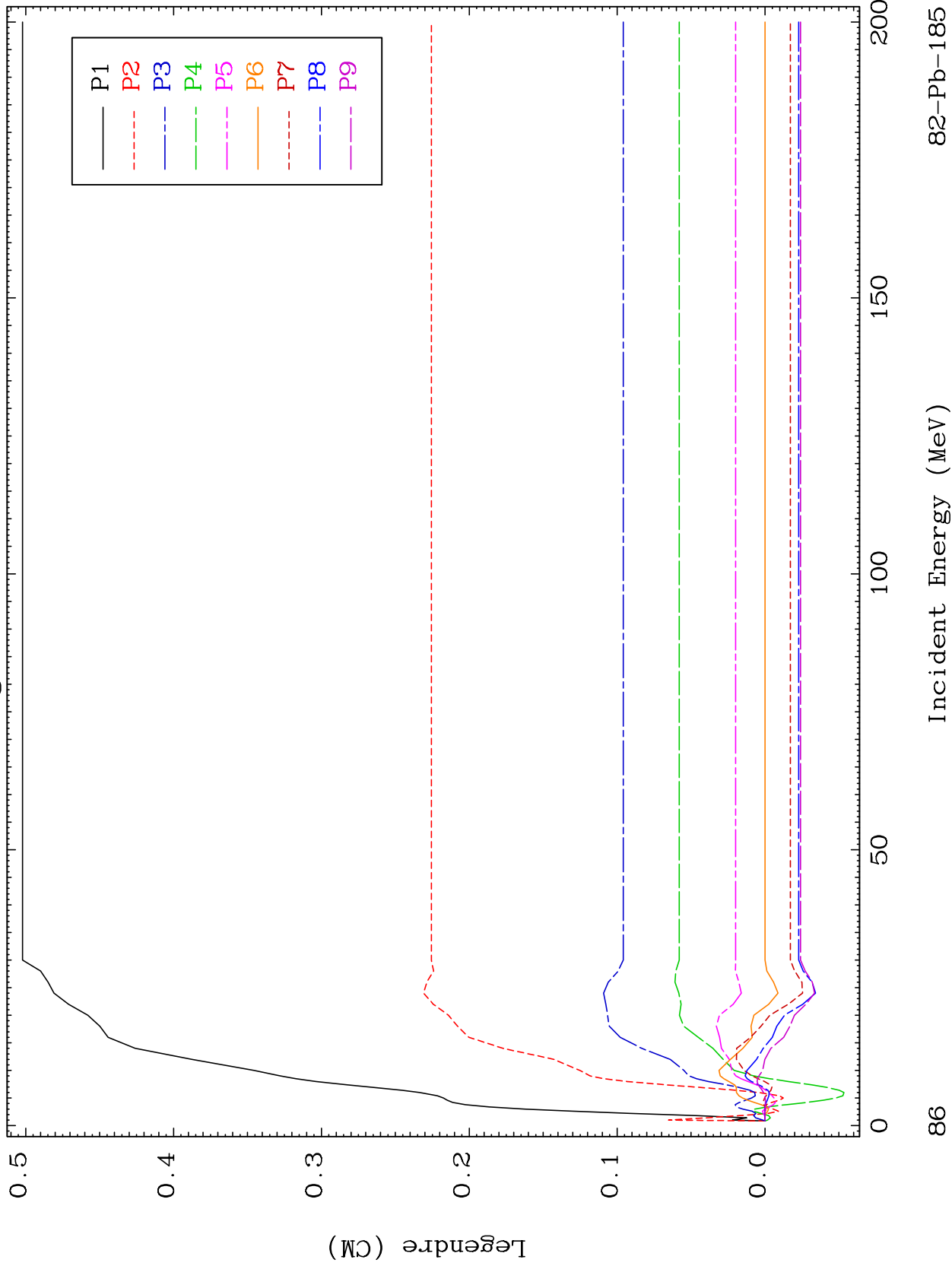
82-Pb-185



MAT 8168

MT= 67 (n,n') Level
Legendre Coefficients

82-Pb-185



86

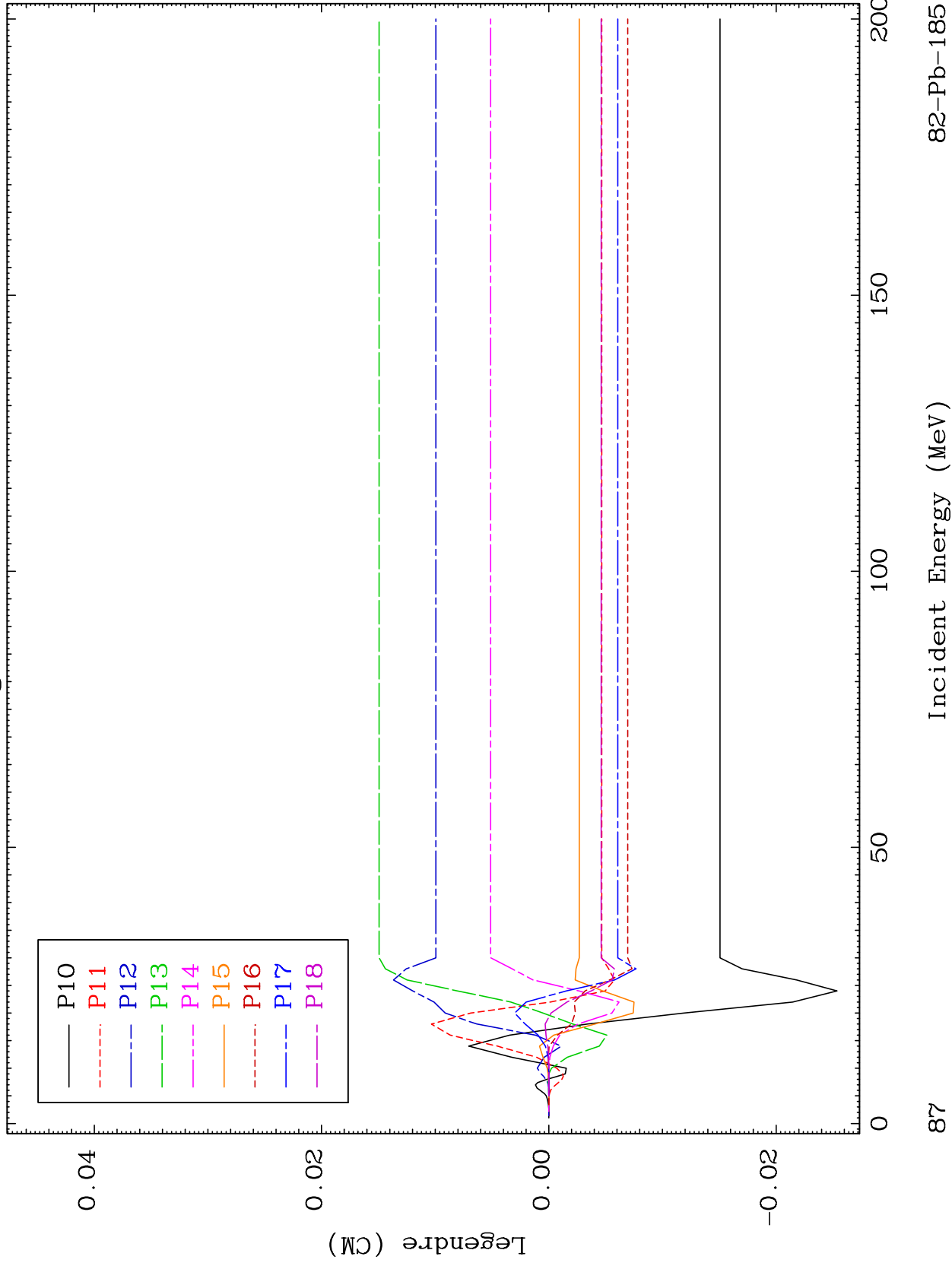
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 67 (n,n') Level
Legendre Coefficients

82-Pb-185



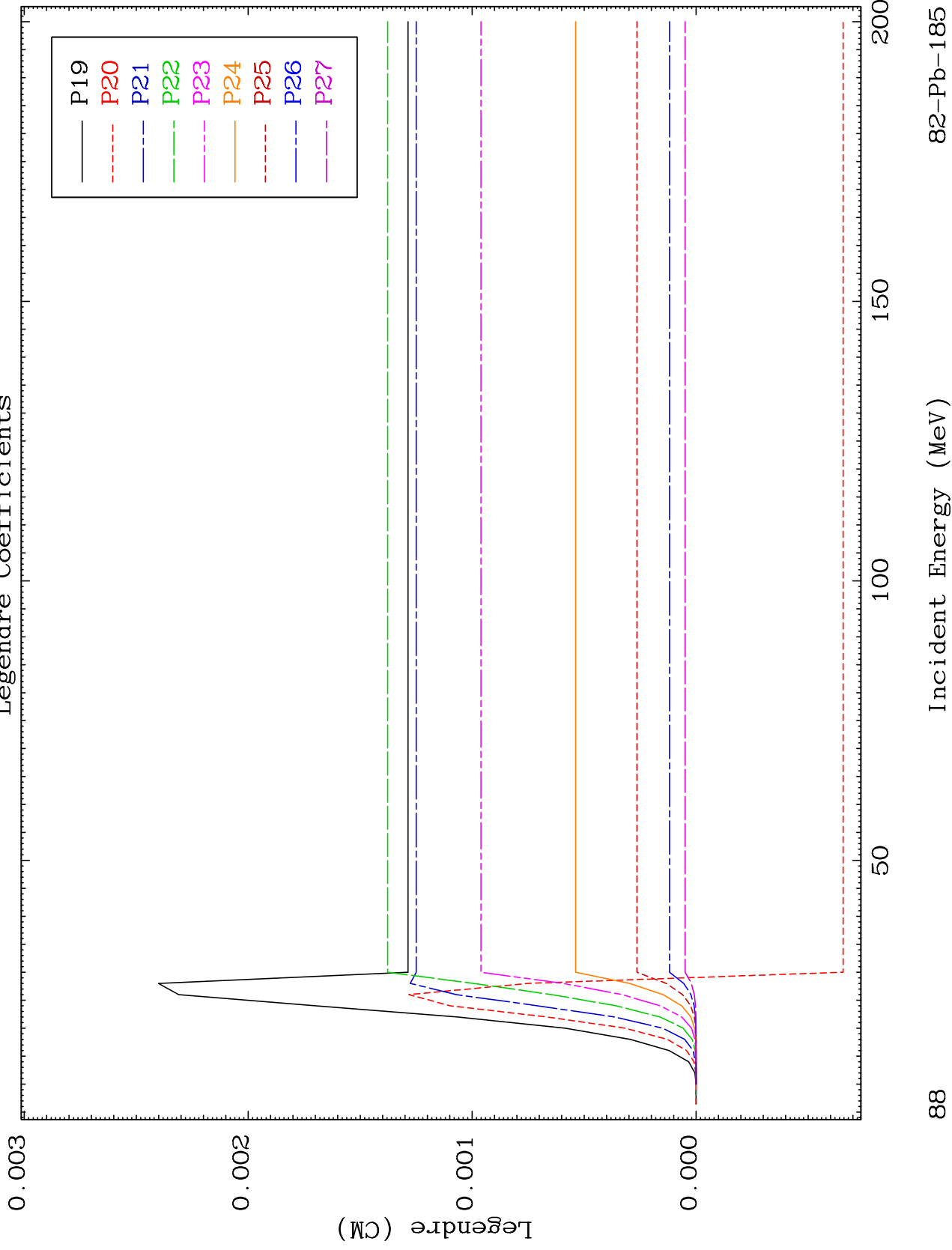
87

82-Pb-185

MAT 8168

MT= 67 (n,n') Level
Legendre Coefficients

82-Pb-185



88

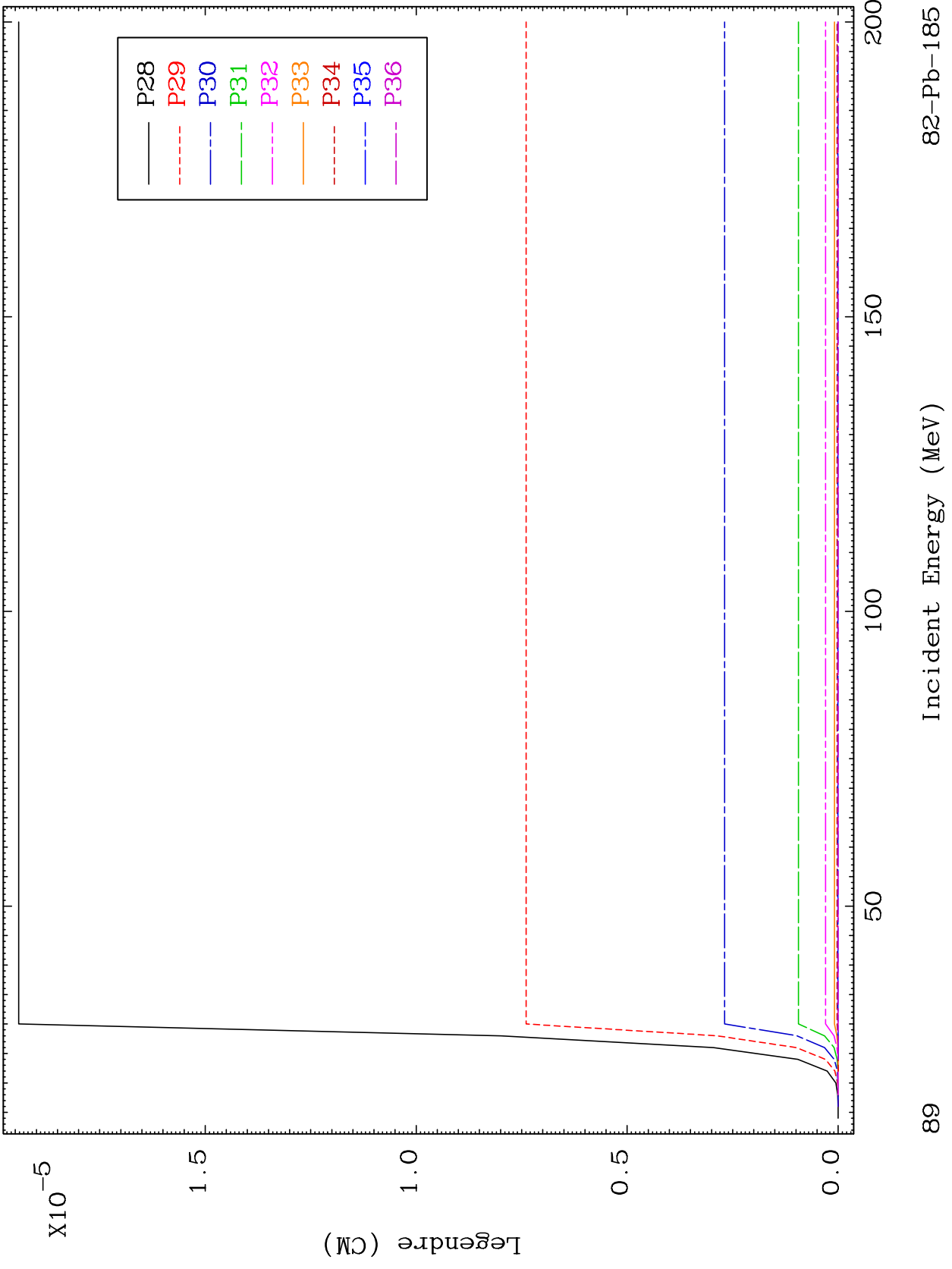
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 67 (n,n') Level
Legendre Coefficients

82-Pb-185



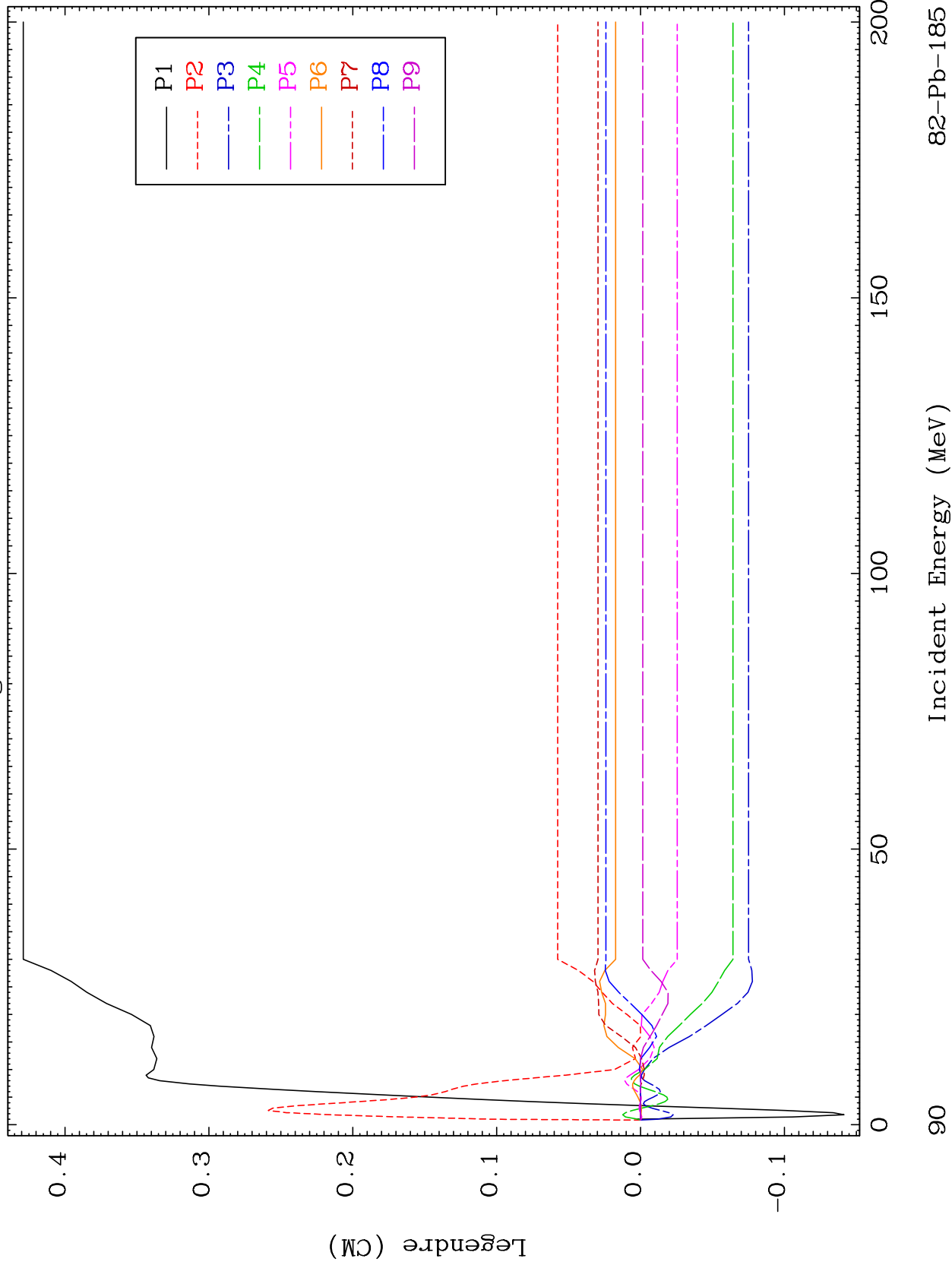
89

82-Pb-185

MAT 8168

MT= 68 (n,n') Level
Legendre Coefficients

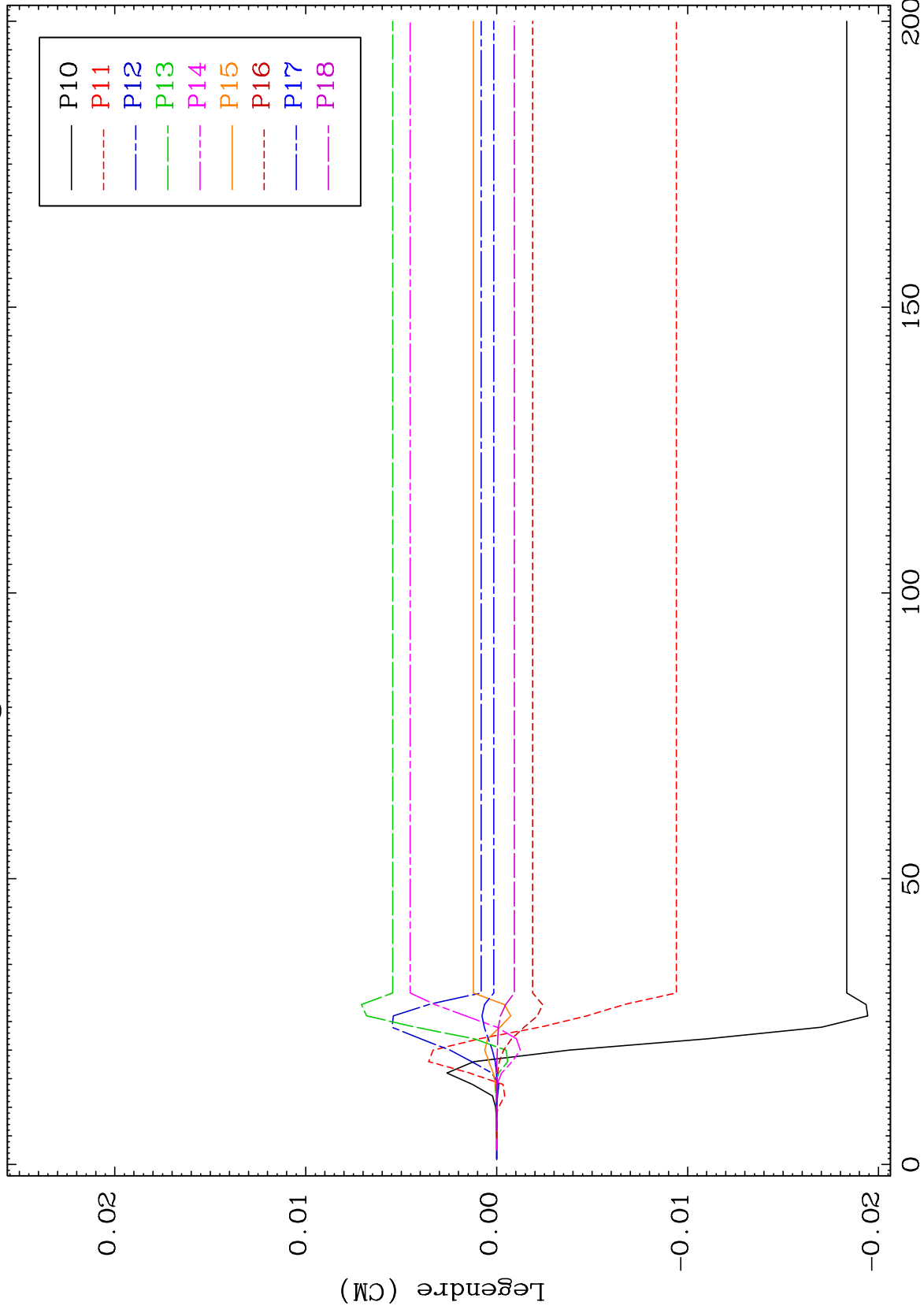
82-Pb-185



MAT 8168

MT= 68 (n,n') Level
Legendre Coefficients

82-Pb-185



91

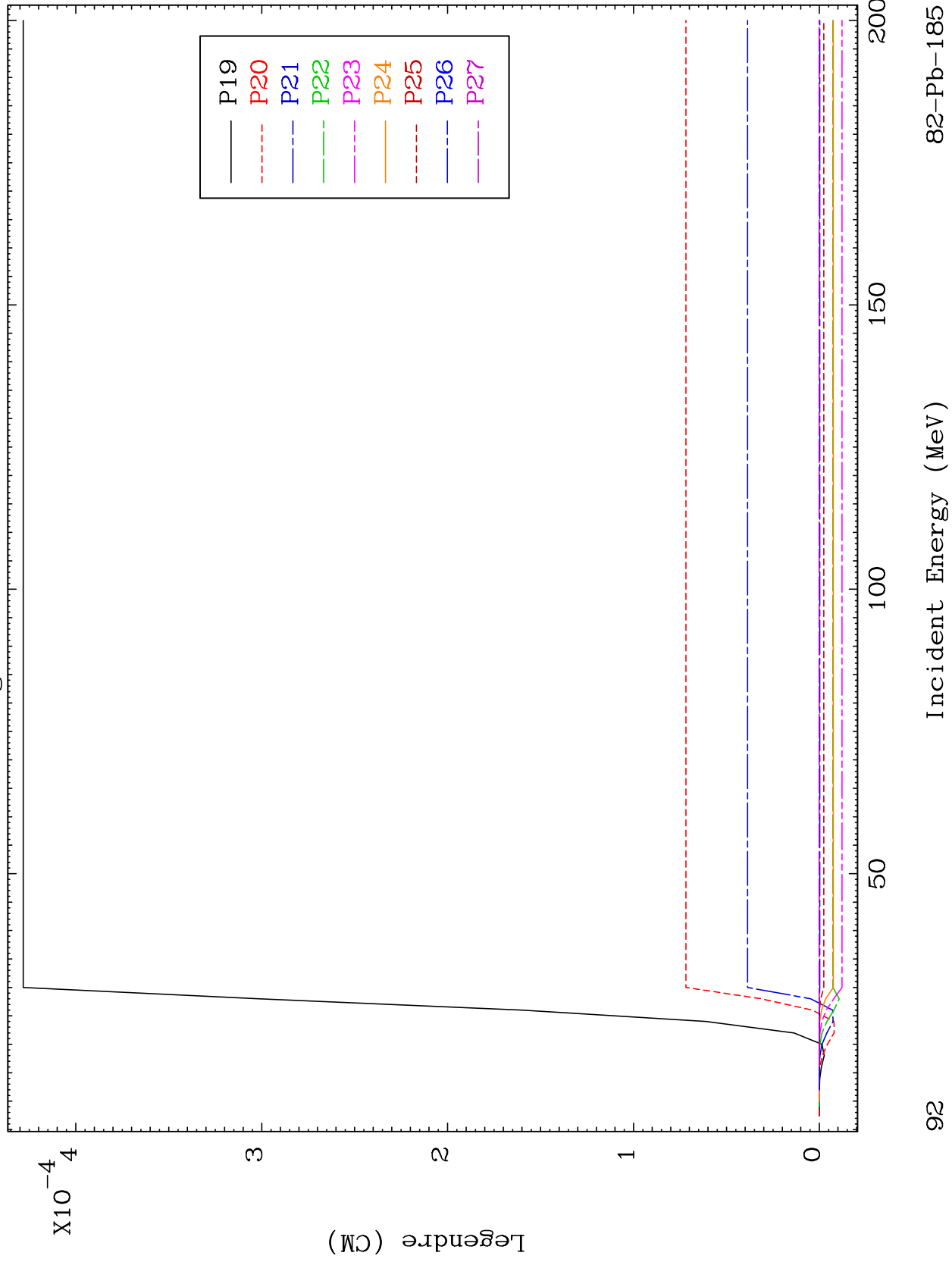
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 68 (n,n') Level
Legendre Coefficients

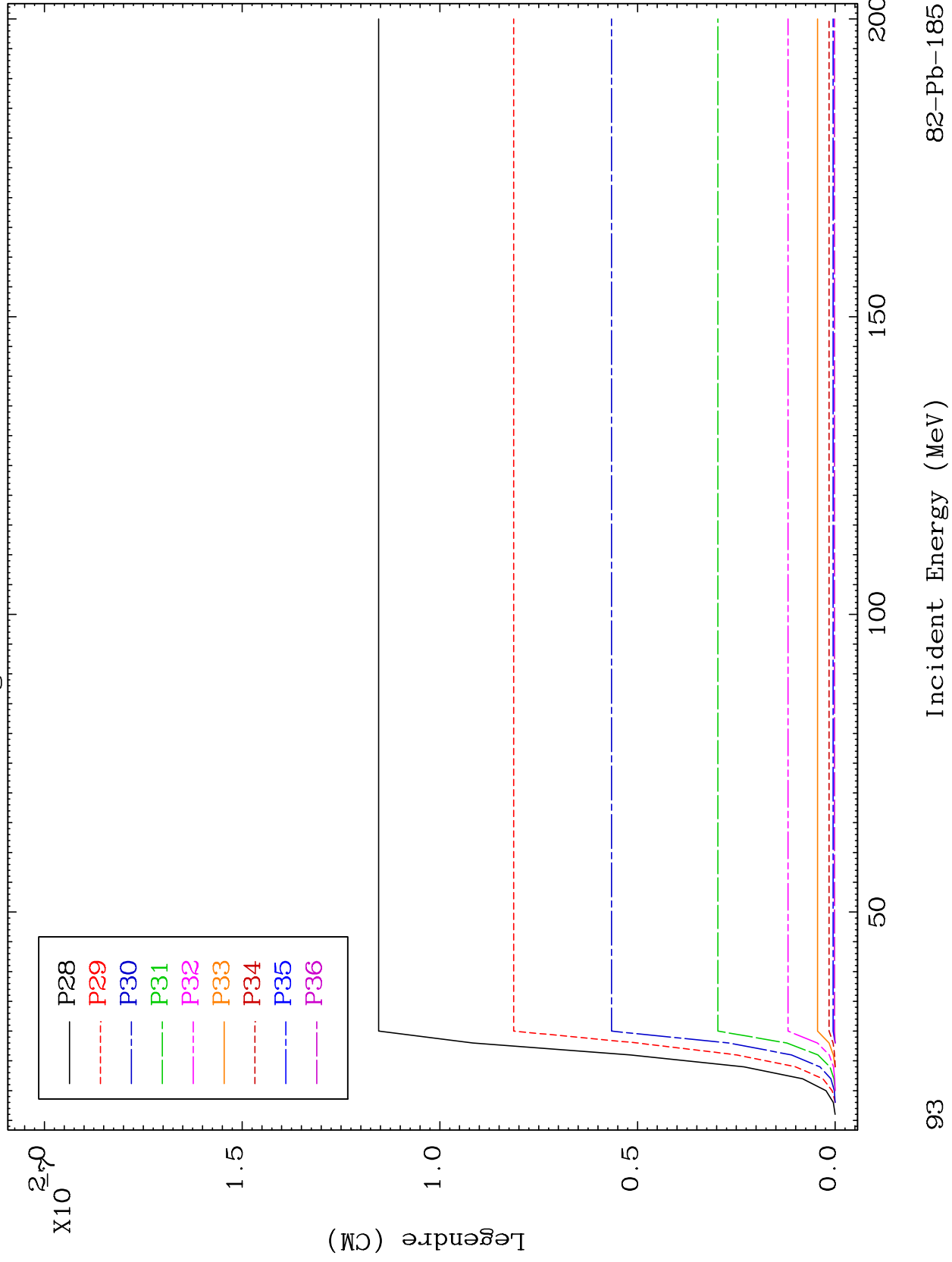
82-Pb-185



MAT 8168

MT= 68 (n,n') Level
Legendre Coefficients

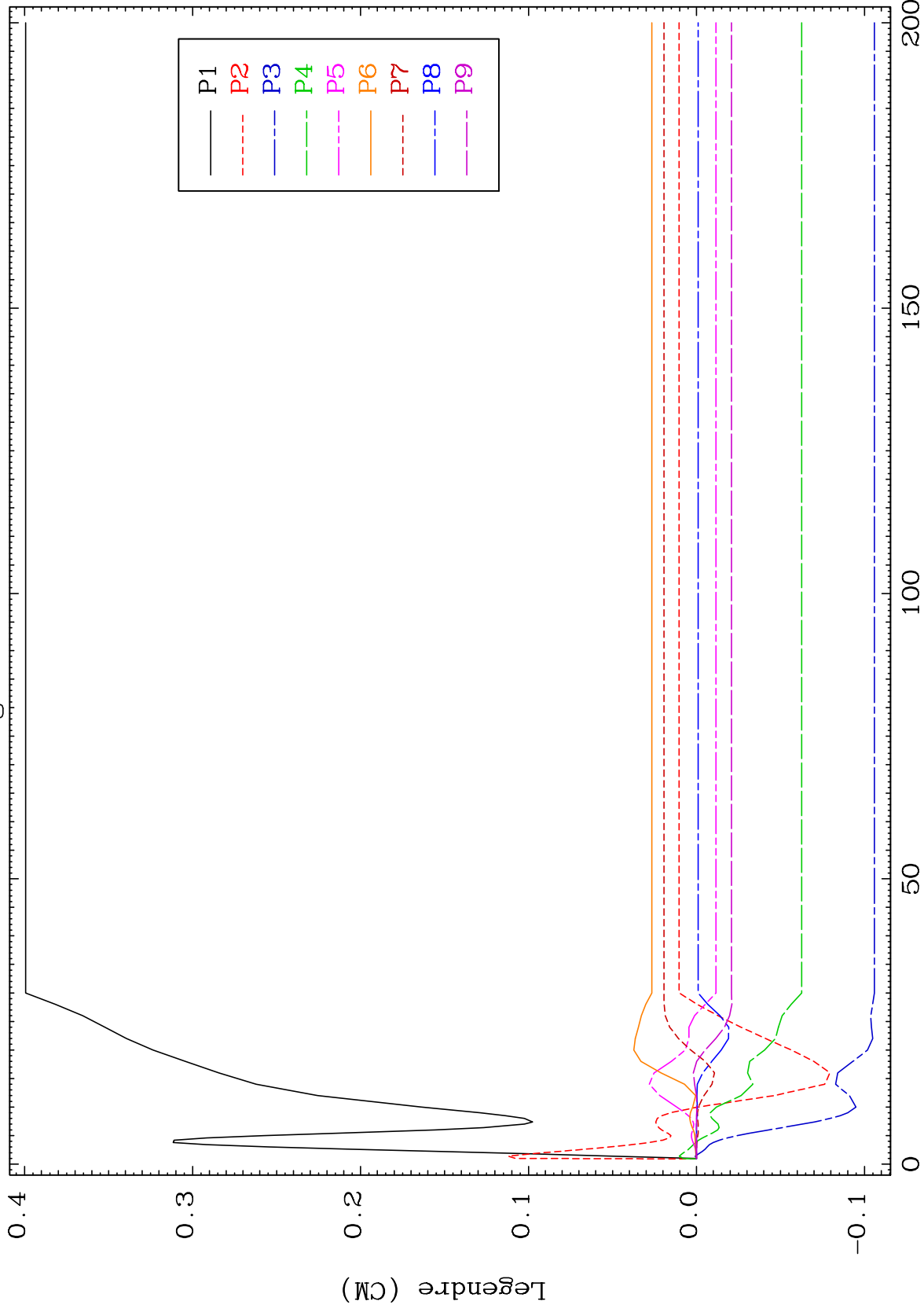
82-Pb-185



MAT 8168

MT= 69 (n,n') Level
Legendre Coefficients

82-Pb-185



94

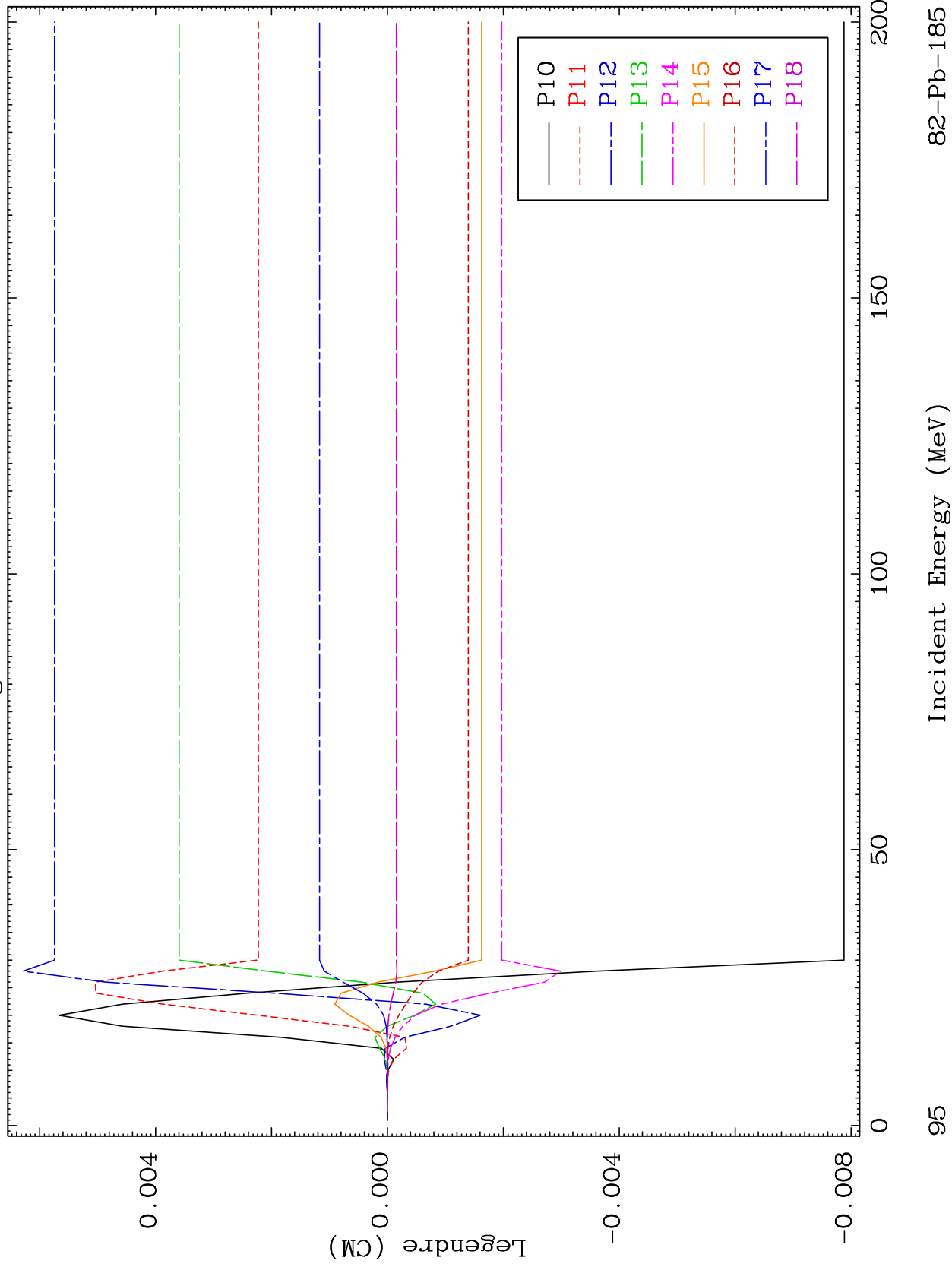
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 69 (n,n') Level
Legendre Coefficients

82-Pb-185



95

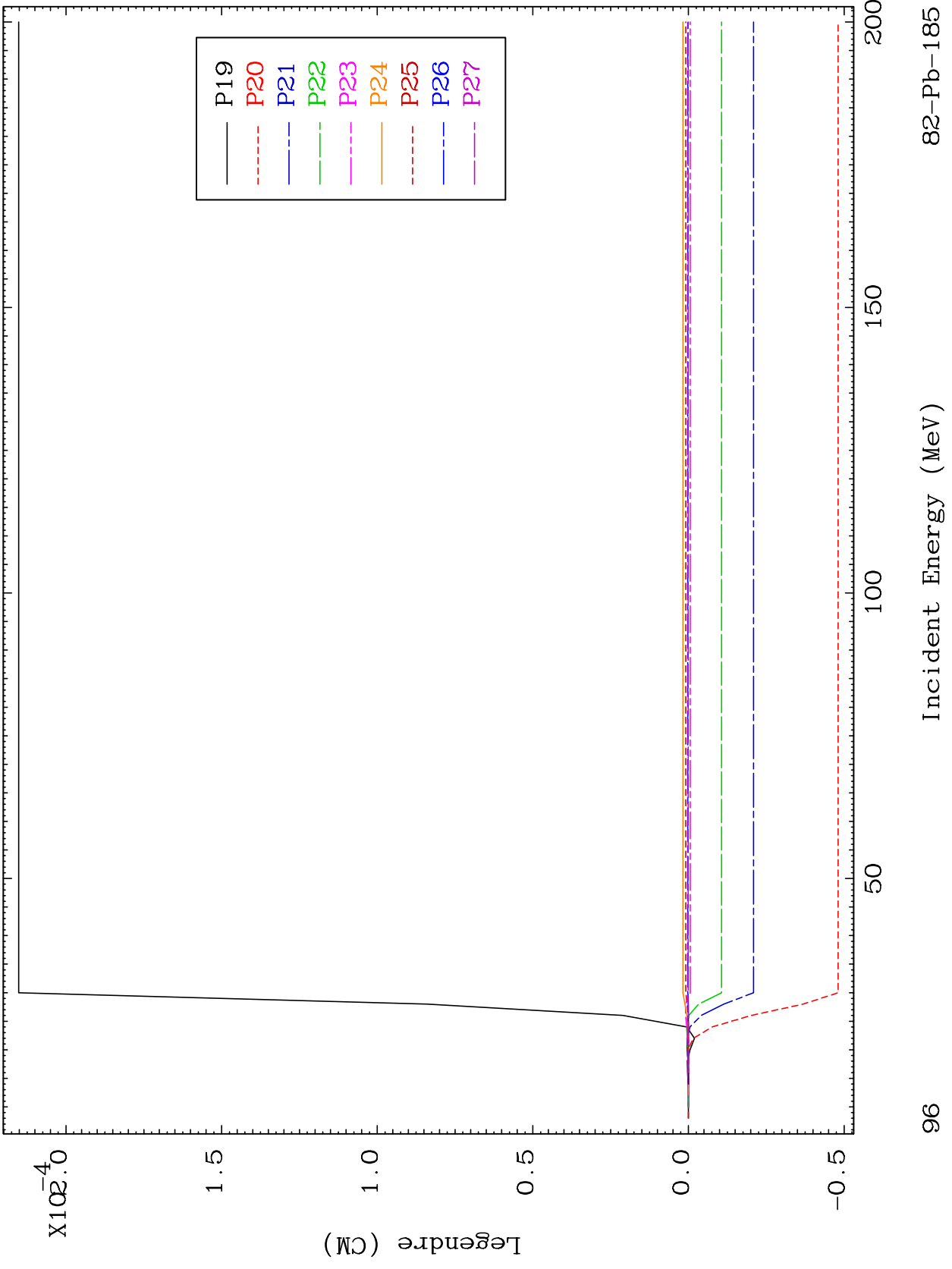
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 69 (n,n') Level
Legendre Coefficients

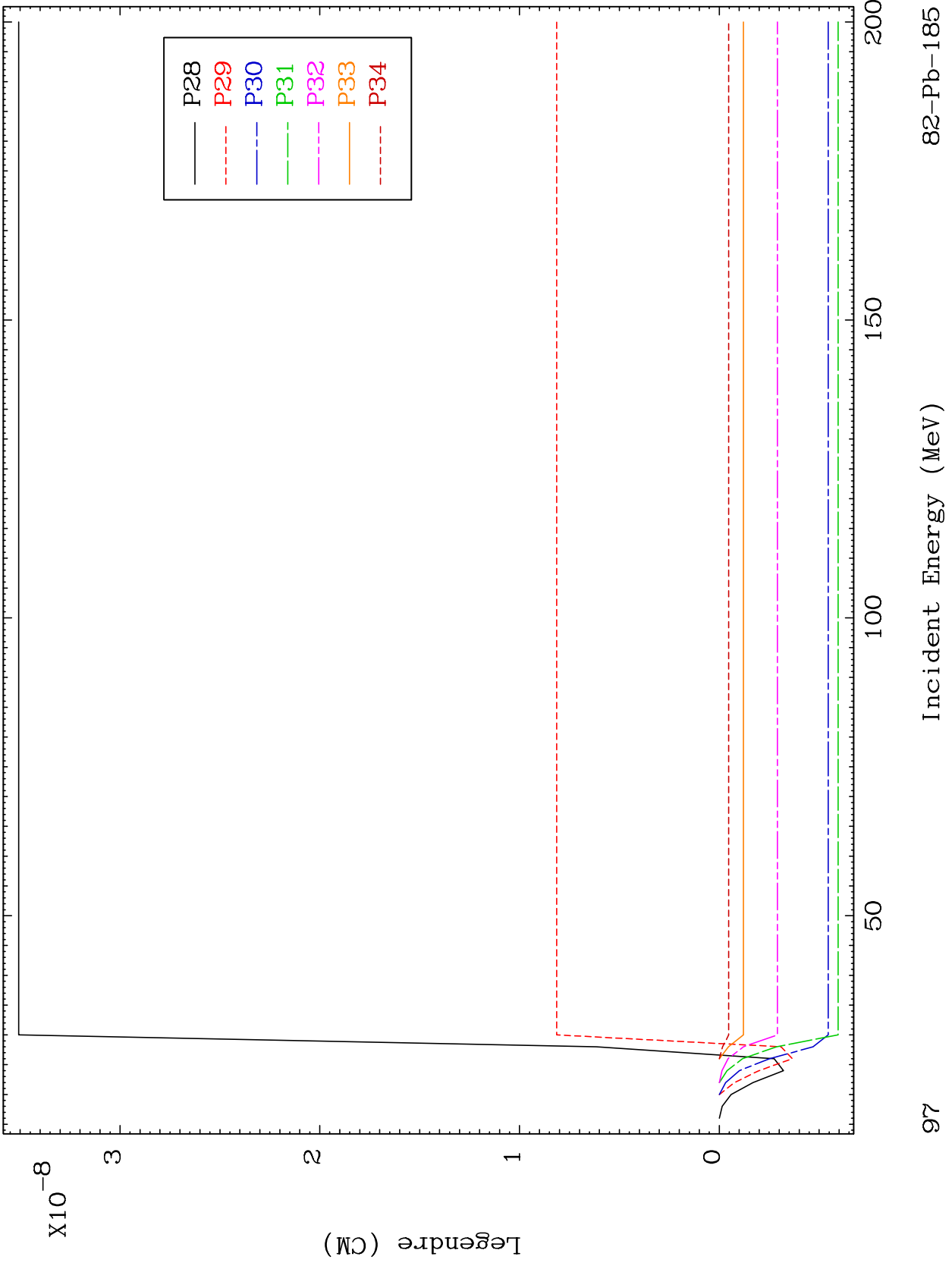
82-Pb-185

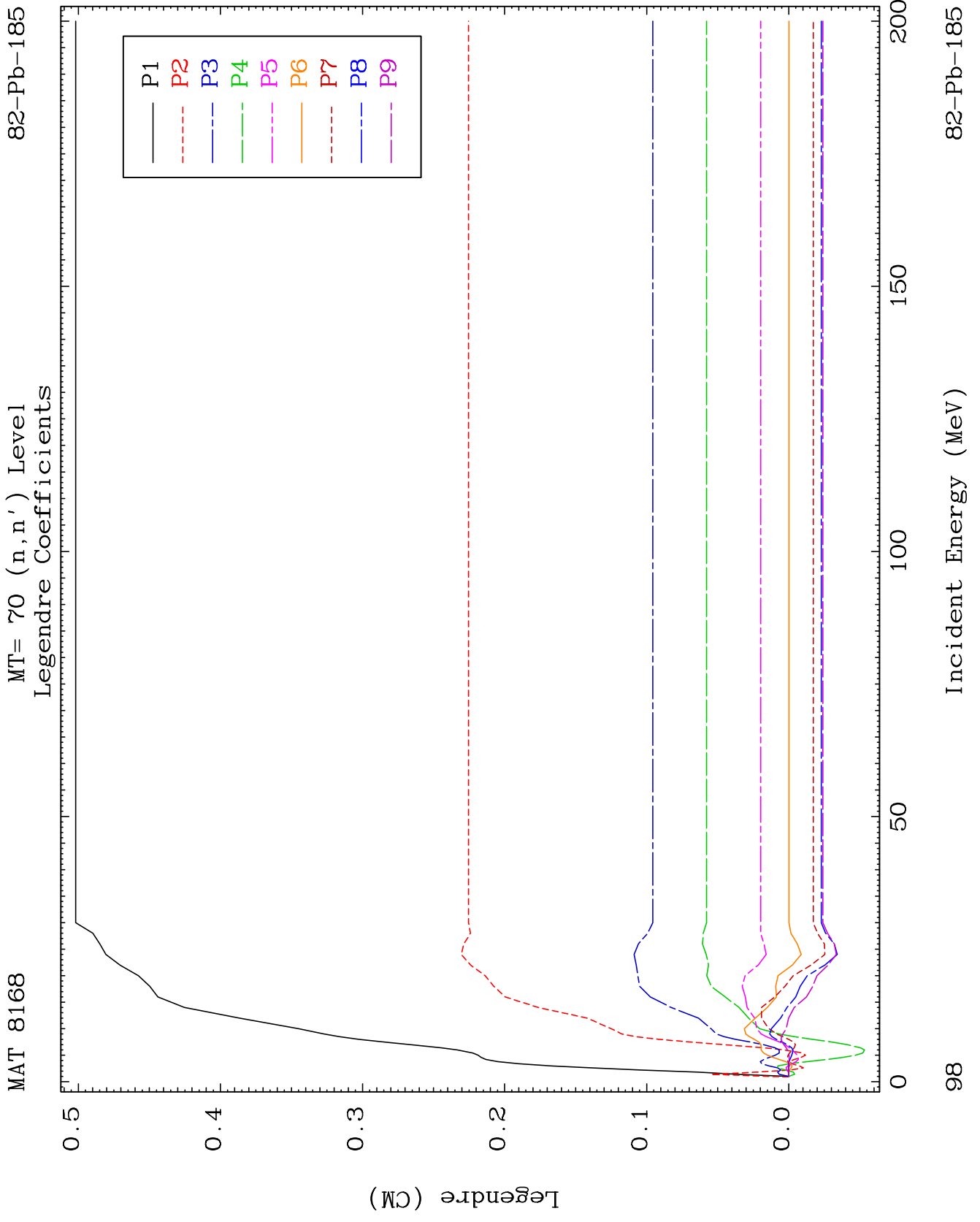


MAT 8168

MT= 69 (n,n') Level
Legendre Coefficients

82-Pb-185

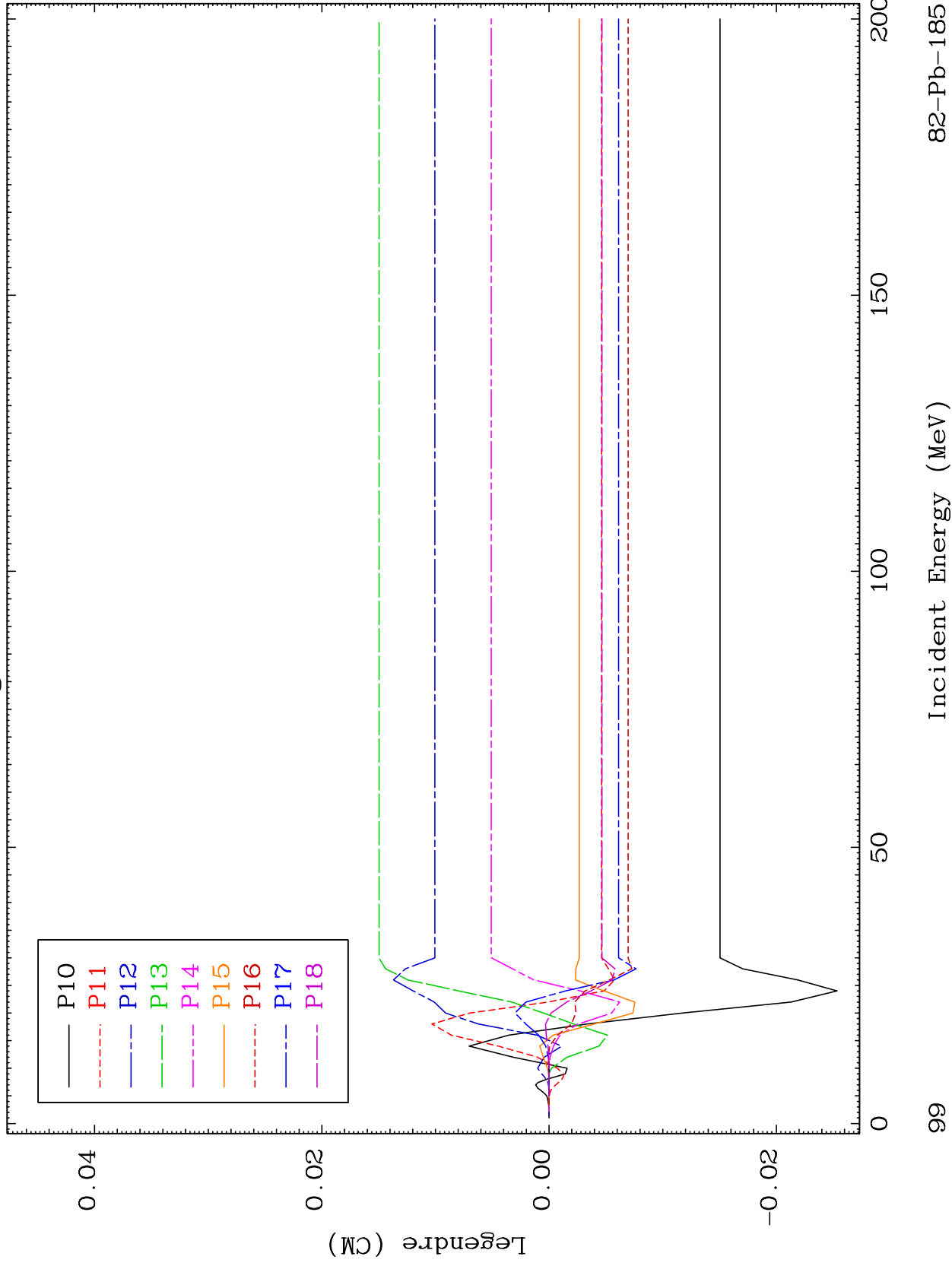




MAT 8168

MT= 70 (n,n') Level
Legendre Coefficients

82-Pb-185



99

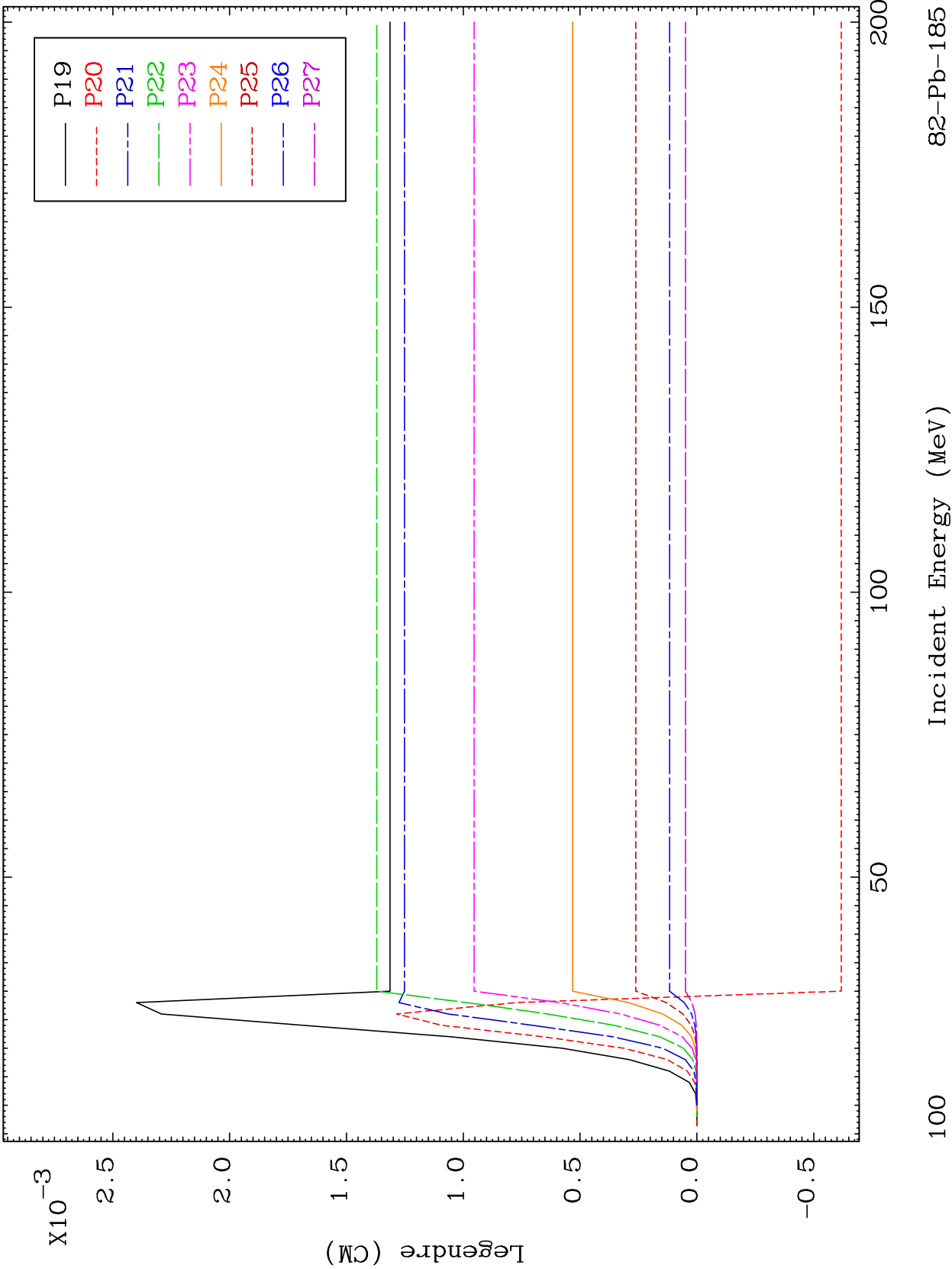
Incident Energy (MeV)

82-Pb-185

MAT 8168

MT= 70 (n,n') Level
Legendre Coefficients

82-Pb-185



100

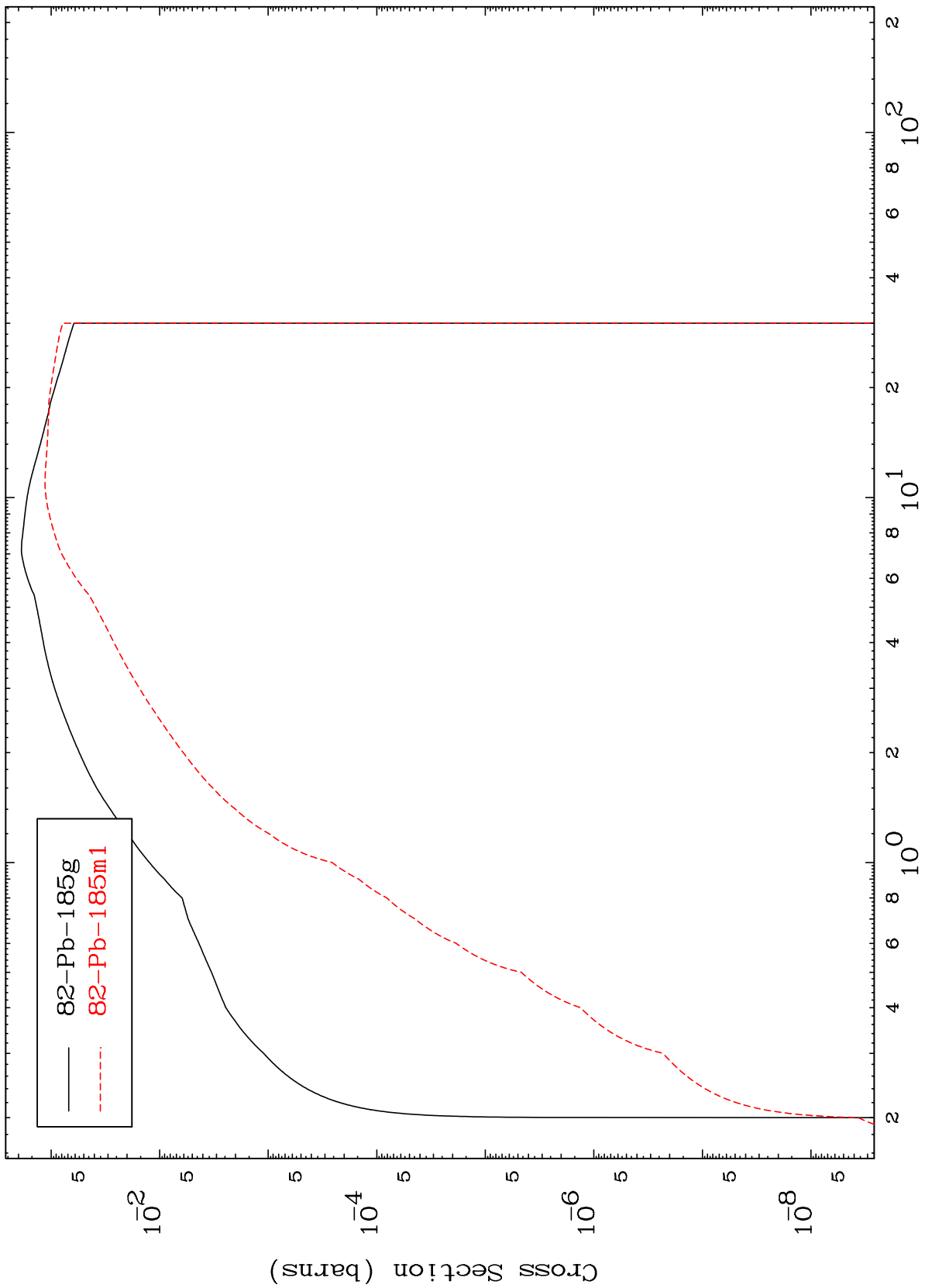
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

Inelastic
Radionuclide Production Cross Section



— 82-Pb-185g
- - - 82-Pb-185m1

82-Pb-185

Incident Energy (MeV)

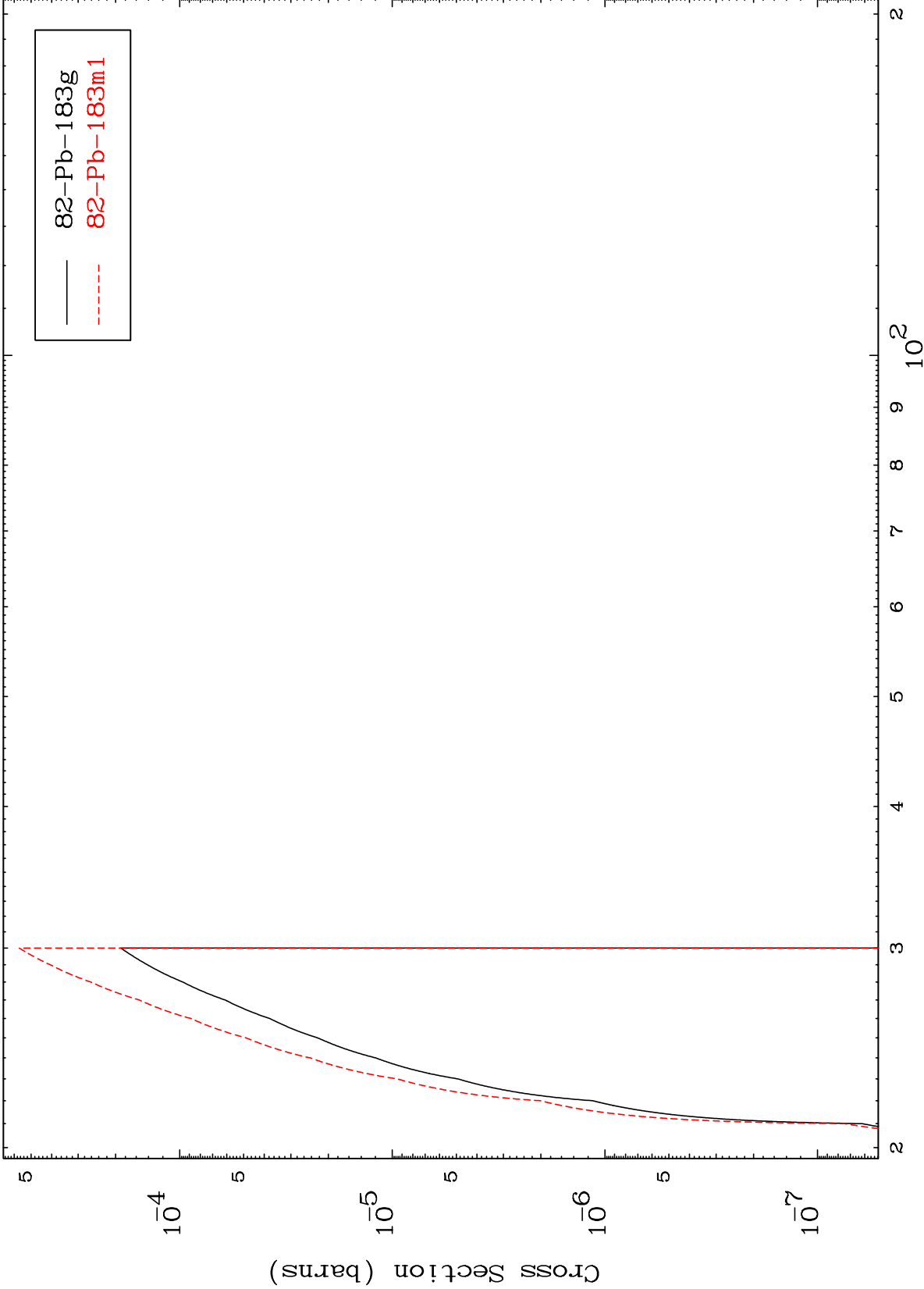
102

MAT 8168

(n,3n)

82-Pb-185

Radionuclide Production Cross Section



103

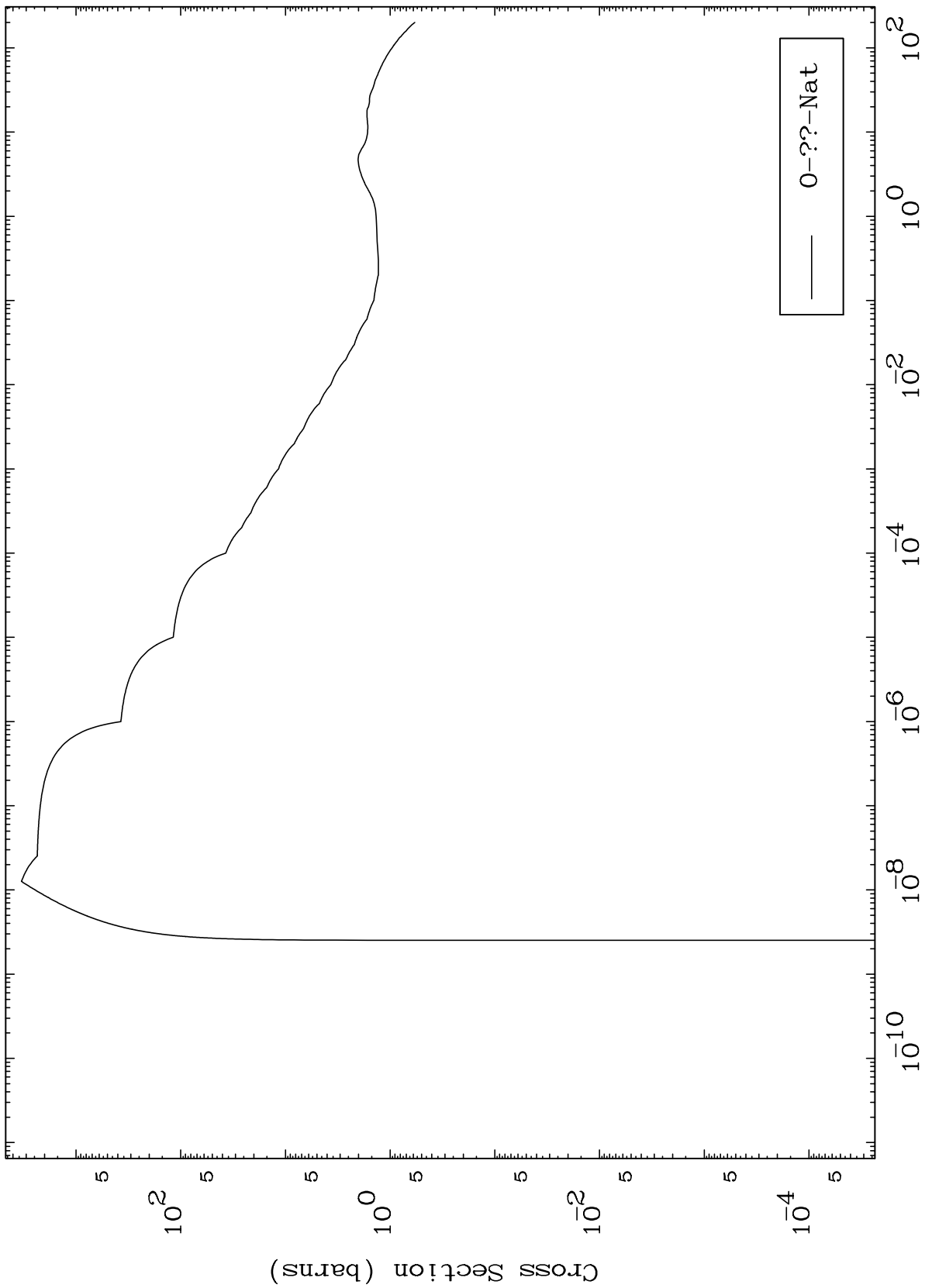
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

Fission
Radionuclide Production Cross Section



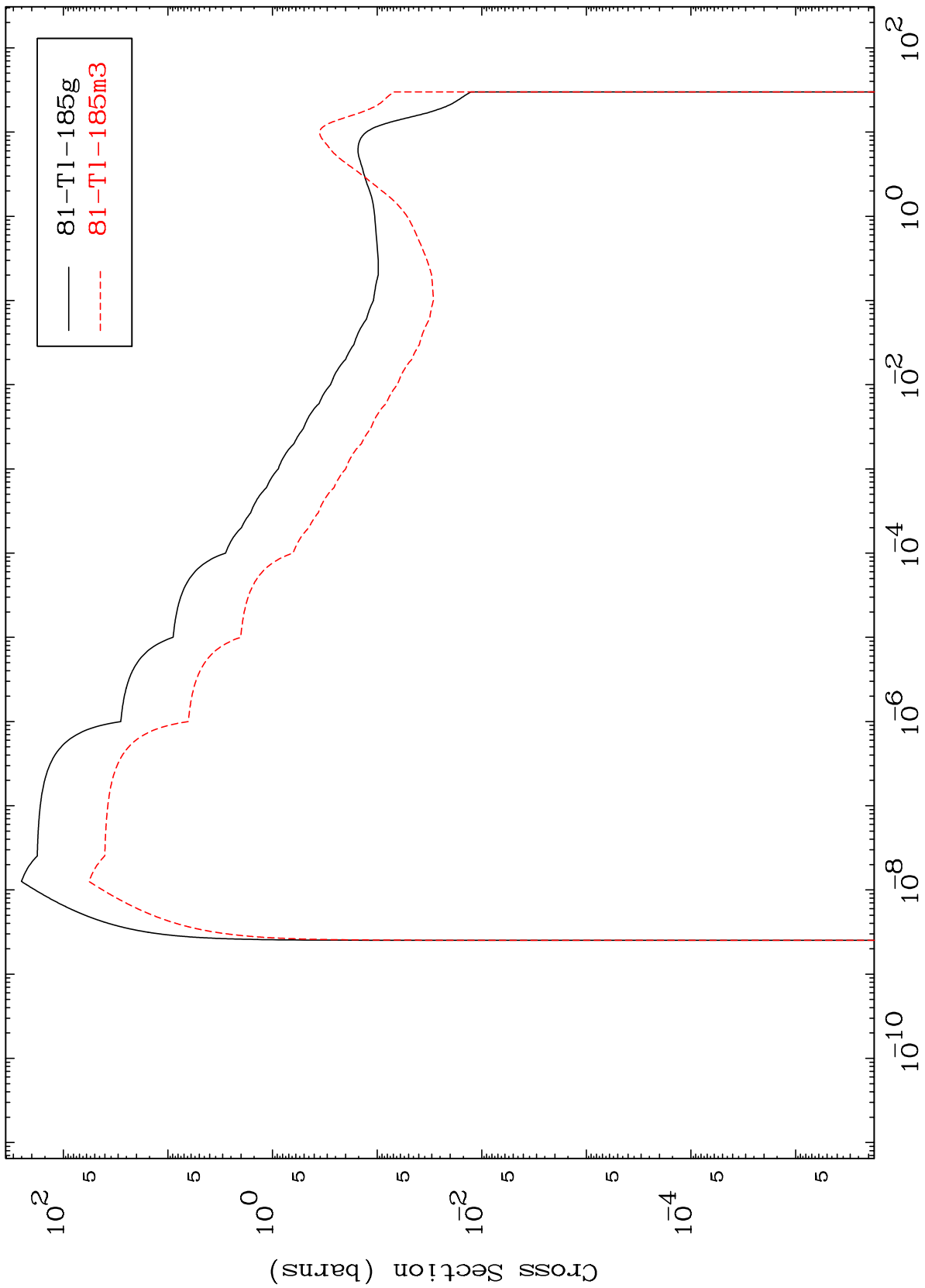
104

82-Pb-185

MAT 8168

82-Pb-185

(n,p)
Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

105

82-Pb-185

Incident Energy (MeV)